

- Heavy duty diesel engine
- 4 cycle, water cooled, turbocharged, air to air/air to water cooled
- Electronic or mechanic governor system
- 12/24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Flexible fuel pipe
- Oil discharge valve and extention pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine block water heater (in automatic models)

ALTERNATOR SPECIFICATIONS

- Brushless, single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class
- Self exciter
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- The alternator windings are protected by insulating varnish against oil and acid

CANOPY

- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Weatherproof canopy rating is IP 23
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window
- Insulation details: Non-flammable acoustic foam

CANOPY OPTIONS

- Standard canopy
- Super silent canopy
- Extra süper silent canopy (thicker insulation)

CONTAINER

- Chassis parts and load-bearing construction are manufactured from 140mm NPU
- The base metal sheet is manufactured from 2/3 diamond-shaped metal sheet
- Sidewall metal sheets are manufactured from 1.5mm ST 37 DKP trapezoidal metal sheet
- The top metal sheet will be manufactured from 1.5mm ST 37 DKP trapezoidal metal sheet
- Air disposing and suction parts are manufactured with the normal shutter in bolt-mounted hot-plug
- Lifting lugs are manufactured to bear the total load of the container (with generator)(8 pcs ISO Locked)
- PPG RAL 9010 paint application is followed for painting
- Internal illumination has 2x1x18 Watt waterproof fixture and 1x1x16 A monophasic plug fitting
- Top wall isolation is 0.8mm galvanised perforated metal sheet coating on 8cm fibro-glass glass wool plate
- The double-winged main door is manufactured with a pipe-type locking mechanism
- Service doors are manufactured with 4 single-winged and internal panic bar mechanisms to be locked outside (These doors are designed mounted inside the container body and doorknobs do not exceed container body)
- Emergency stop button on long edges
- Warning signs are placed to necessary places inside and outside the container

CONTAINER OPTIONS

- Standard container
- Acoustic container

- Standard industrial type
- Critical type
- Hospital type

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure

GENSET CONTROLLERS

- LCD display screen
- Hardware and materials needed
- Battery charger
- USB port & RS-485 output

OPTIONAL EQUIPMENTS

- Charge ammeter
- Moulded case circuit braker (in automatic models)
- Hospital/Critical type silencer
- Modular type sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-16 gensets
- 3 pole/4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter
- PMG warning system

QUALITY STANDARDS

Our generators are manufactured in compliance with VDE 0530, BSE 4999 BS5000, IEC 34, EN12601; EN60204-1; TS ISO 8528-1 ... -13; EN12100-1; EN12100-2; EN61000-6-4; EN61000-6-2; EN61000-4-11; EN61000-4-6; EN61000-4-5; EN61000-4-2; EN55011; EN55016-2-1; EN55016-2-3; EN61000-3-2; EN61000-3-3; EN55014-1; EN61000-6-2; EN61000-4-3; EN61000-4-4; EN61000-4-8; EN61000-4-11; TS EN ISO 3744; TS EN ISO 3746; TS EN 60034-1; TS EN 60034-22; TS EN ISO 3046; BS 5514; NEMA MG 21; IEC 60034, BS 4999/5000 and TS EN 60947-1..4 standards.

We have ISO 9001-2015, ISO 14001-2015, ISO 45001-2018 and ISO 1002-2006 management system certificates from Kiwa, an accredited independent quality organization.

Our generators up to 400 kw are manufactured in compliance with 2000/14/EC European noise emission directive and certified from Ente Certificazione Macchine.

We also have TS ISO 8528-4, TS ISO 8528-5, TS EN 13501-1+A1:2013 flame retardancy and TTS EN ISO 9227 certificates against anti-corrosion together with CE Declaration.



PERKINS Series 50 Hz., 3 phase, 400 / 230V Diesel Generator Sets

GENSET SPECIFICATIONS					ENGINE SPECIFICATIONS							ALTERNATOR SPECIFICATIONS			FUEL TANK CAPACITY (LT)
MODEL	GENSET POWER				BRAND	MODEL	GENSET POWER		DISPLACEMENT (lt)	NUMBER OF CYLINDERS	GOVERNOR TYPE	BRAND	MODEL	POWER (KVA)	
	STAND BY	PRIME	STAND BY	PRIME			kVA	kW							
E PR EM 0010	10	8	9	7	PERKINS	403A-11G1	9,2	8,4	1,131	3, in line	Mechanic	EMSA	EGK160-10N2	15	82
E PR ST 0010	10	8	9	7	PERKINS	403A-11G1	9,2	8,4	1,131	3, in line	Mechanic	STAMFORD	S0L1-H1	11	82
E PR EM 0015	15	12	13	10	PERKINS	403A-15G1	13,2	12	1,496	3, in line	Mechanic	EMSA	EGK160-10N2	15	82
E PR ST 0015	15	12	13	10	PERKINS	403A-15G1	13,2	12	1,496	3, in line	Mechanic	STAMFORD	S0L1-P1	11	82
E PR EM 0022	22	18	20	16	PERKINS	404A-22G1	20,3	18,4	2,216	4, in line	Mechanic	EMSA	EGK160-16N2	23	82
E PR ST 0022	22	18	20	16	PERKINS	404A-22G1	20,3	18,4	2,216	4, in line	Mechanic	STAMFORD	S0L2-G1	22	82
E PR EM 0033	33	26	30	24	PERKINS	1103A-33G	30,4	27,7	3,3	3, in line	Mechanic	EMSA	EGK180-24N2	35	101
E PR ST 0033	33	26	30	24	PERKINS	1103A-33G	30,4	27,7	3,3	3, in line	Mechanic	STAMFORD	S0L2-P	33	101
E PR EM 0050	50	40	45	36	PERKINS	1103A-33TG1	45,6	41,3	3,3	3, in line	Mechanic	EMSA	EGK180-36N2	50	101
E PR ST 0050	50	40	45	36	PERKINS	1103A-33TG1	45,6	41,3	3,3	3, in line	Mechanic	STAMFORD	S1L2-N	49,5	101
E PR EM 0066	66	53	60	48	PERKINS	1103A-33TG2	59,3	53,8	3,3	3, in line	Mechanic	EMSA	EGK225-50N	72	101
E PR ST 0066	66	53	60	48	PERKINS	1103A-33TG2	59,3	53,8	3,3	3, in line	Mechanic	STAMFORD	S1L2-Y	68,8	101
E PR EM 0072	72	58	65	52	PERKINS	1104A-44TG1	64,3	58,4	4,4	4, in line	Mechanic	EMSA	EGK225-50N	72	139
E PR ST 0072	72	58	65	52	PERKINS	1104A-44TG1	64,3	58,4	4,4	4, in line	Mechanic	STAMFORD	S1L2-Y	68,8	139
E PR EM 0088	88	70	80	64	PERKINS	1104A-44TG2	79,1	71,9	4,4	4, in line	Mechanic	EMSA	EGK225-70N	92	139
E PR ST 0088	88	70	80	64	PERKINS	1104A-44TG2	79,1	71,9	4,4	4, in line	Mechanic	STAMFORD	UCI224G	90,8	139
E PR ST 0110	110	88	100	80	PERKINS	1104C-44TAG2	99,5	90,1	4,4	4, in line	Electronic	STAMFORD	UCI274C	110	139
E PR EM 0112	112	90	101,4	81	PERKINS	1104C-44TAG2	99,5	90,1	4,4	4, in line	Electronic	EMSA	EGK225-80N	112	139
E PR EM 0150	150	120	135	108	PERKINS	1106A-70TG1	131,4	118,3	7,01	6, in line	Mechanic	EMSA	EGK225-120N	154	275
E PR ST 0150	150	120	135	108	PERKINS	1106A-70TG1	131,4	118,3	7,01	6, in line	Mechanic	STAMFORD	UCI274E	150	275
E PR EM 0165	165	132	150	120	PERKINS	1106A-70TAG2	144,1	131	7,01	6, in line	Mechanic	EMSA	EGK280-150N	167	275
E PR ST 0165	165	132	150	120	PERKINS	1106A-70TAG2	144,1	131	7,01	6, in line	Mechanic	STAMFORD	UCI274F	175	275
E PR EM 0200	200	160	180	144	PERKINS	1106A-70TAG3	175,2	157,7	7,01	6, in line	Mechanic	EMSA	EGK280-165N	200	275
E PR ST 0200	200	160	180	144	PERKINS	1106A-70TAG3	175,2	157,7	7,01	6, in line	Mechanic	STAMFORD	UCI274G	200	275
E PR EM 0220	220	176	200	160	PERKINS	1106A-70TAG4	196,3	178,9	7,01	6, in line	Electronic	EMSA	EGK280-170N	220	275
E PR ST 0220	220	176	200	160	PERKINS	1106A-70TAG4	196,3	178,9	7,01	6, in line	Electronic	STAMFORD	UCI274H	220	275
E PR EM 0250	250	200	225	180	PERKINS	1206A-E70TTAG2	226,1	204,2	7,01	6, in line	Electronic	EMSA	EGK280-220N	286	415
E PR ST 0250	250	200	225	180	PERKINS	1206A-E70TTAG2	226,1	204,2	7,01	6, in line	Electronic	STAMFORD	UCDI274K	275	415
E PR EM 0275	275	220	250	200	PERKINS	1206A-E70TTAG3	248,6	226,2	7,01	6, in line	Electronic	EMSA	EGK280-220N	286	415
E PR ST 0275	275	220	250	200	PERKINS	1206A-E70TTAG3	248,6	226,2	7,01	6, in line	Electronic	STAMFORD	UCDI274K	275	415
E PR EM 0300	300	240	275	220	PERKINS	1506A-E88TAG4	267	244	8,8	6, in line	Electronic	EMSA	EGK280-250N	330	415
E PR ST 0300	300	240	275	220	PERKINS	1506A-E88TAG4	267	244	8,8	6, in line	Electronic	STAMFORD	S4L1D-D	340	415
E PR EM 0330	330	264	300	240	PERKINS	1506A-E88TAG5	293	267	8,8	6, in line	Electronic	EMSA	EGK280-250N	330	415
E PR ST 0330	330	264	300	240	PERKINS	1506A-E88TAG5	293	267	8,8	6, in line	Electronic	STAMFORD	S4L1D-D	340	415
E PR EM 0400	400	320	350	280	PERKINS	2206A-E13TAG2	349	305	12,5	6, in line	Electronic	EMSA	EGK315-290N	400	578
E PR ST 0400	400	320	350	280	PERKINS	2206A-E13TAG2	349	305	12,5	6, in line	Electronic	STAMFORD	S4L1D-E	415	578
E PR EM 0440	440	352	400	320	PERKINS	2206A-E13TAG3	392	349	12,5	6, in line	Electronic	EMSA	EGK315-320N	440	578
E PR ST 0450	450	360	400	320	PERKINS	2206A-E13TAG3	392	349	12,5	6, in line	Electronic	STAMFORD	S4L1D-F	465	578
E PR EM 0500	500	400	455	364	PERKINS	2506A-E15TAG1	435	396	15,2	6, in line	Electronic	EMSA	EGK315-400N	550	578
E PR ST 0500	500	400	455	364	PERKINS	2506A-E15TAG1	435	396	15,2	6, in line	Electronic	STAMFORD	S4L1D-G	500	578
E PR EM 0550	550	440	500	400	PERKINS	2506A-E15TAG2	478	435	15,2	6, in line	Electronic	EMSA	EGK315-400N	550	578
E PR ST 0550	550	440	500	400	PERKINS	2506A-E15TAG2	478	435	15,2	6, in line	Electronic	STAMFORD	HCI544D	590	578
E PR EM 0650	650	520	591	473	PERKINS	2806A-E18TAG1A	574	522	18,1	6, in line	Electronic	EMSA	EGK355-470N	660	1086
E PR ST 0660	660	528	600	480	PERKINS	2806A-E18TAG1A	574	522	18,1	6, in line	Electronic	STAMFORD	HCI544E	665	1086
E PR EM 0700	700	560	650	520	PERKINS	2806A-E18TAG2	609	565	18,1	6, in line	Electronic	EMSA	EGK355-550N	715	1086
E PR ST 0700	700	560	650	520	PERKINS	2806A-E18TAG2	609	565	18,1	6, in line	Electronic	STAMFORD	HCI544F	738	1086
E PR EM 0785	785	628	715	572	PERKINS	2806A-E18TTAG4	685	623	18,1	6, in line	Electronic	EMSA	EGK355-600N	850	1600
E PR ST 0785	785	628	715	572	PERKINS	2806A-E18TTAG4	685	623	18,1	6, in line	Electronic	STAMFORD	HCI634G	860	1600
E PR EM 0850	850	680	770	616	PERKINS	2806A-E18TTAG5	739	671	18,1	6, in line	Electronic	EMSA	EGK355-600N	850	1600
E PR ST 0850	850	680	770	616	PERKINS	2806A-E18TTAG5	739	671	18,1	6, in line	Electronic	STAMFORD	HCI634G	860	1600
E PR EM 0900	900	720	800	640	PERKINS	4006-23TAG3A	760	679	22,921	6, in line	Electronic	EMSA	EGK400-640N	900	2070
E PR ST 0900	900	720	800	640	PERKINS	4006-23TAG3A	760	679	22,921	6, in line	Electronic	STAMFORD	HCI634H	1010	2070
E PR EM 1002	1002	802	911	729	PERKINS	4008TAG1A	855	778	30,561	8, in line	Electronic	EMSA	EGK400-800N	1125	2070
E PR ST 1002	1002	802	911	729	PERKINS	4008TAG1A	855	778	30,561	8, in line	Electronic	STAMFORD	HCI634H	1010	2070
E PR ST 1110	1110	888	1010	808	PERKINS	4008TAG2A	958	872	30,561	8, in line	Electronic	STAMFORD	HCI634J	1110	2070
E PR EM 1125	1125	900	1022	818	PERKINS	4008TAG2A	958	872	30,561	8, in line	Electronic	EMSA	EGK400-800N	1125	2070
E PR EM 1250	1250	1000	1125	900	PERKINS	4008 30TAG3	1055	947	30,561	8, in line	Electronic	EMSA	EGK400-900N	1250	2070
E PR ST 1250	1250	1000	1125	900	PERKINS	4008-30TAG3	1055	947	30,561	8, in line	Electronic	STAMFORD	HCI634K	1230	2070





PERKINS Series 50 Hz., 3 phase, 400 / 230V Diesel Generator Sets

GENSET SPECIFICATIONS					ENGINE SPECIFICATIONS							ALTERNATOR SPECIFICATIONS			FUEL TANK CAPACITY (LT)
MODEL	GENSET POWER				BRAND	MODEL	GENSET POWER		DISPLACEMENT (lt)	NUMBER OF CYLINDERS	GOVERNOR TYPE	BRAND	MODEL	POWER (KVA)	
	STAND BY	PRIME		STAND BY			PRIME								
	kVA	kW	kVA	kW			kW	kW							
E PR EM 1385	1385	1108	1250	1000	PERKINS	4012-46TWG2A	1166	1055	45,842	12 - 60° V	Electronic	EMSA	EGK400-1000N	1400	2000
E PR ST 1385	1385	1108	1250	1000	PERKINS	4012-46TWG2A	1166	1055	45,842	12 - 60° V	Electronic	STAMFORD	PI734B	1500	2000
E PR EM 1500	1500	1200	1350	1080	PERKINS	4012-46TWG3A	1321	1207	45,842	12 - 60° V	Electronic	EMSA	EG400-1000N	1438	2500
E PR ST 1500	1500	1200	1350	1080	PERKINS	4012-46TWG3A	1321	1207	45,842	12 - 60° V	Electronic	STAMFORD	PI734B	1500	2500
E PR EM 1656	1656	1325	1505	1204	PERKINS	4012-46TAG2A	1395	1267	45,842	12 - 60° V	Electronic	EMSA	EG450-1200N	1725	2500
E PR ST 1656	1656	1325	1505	1204	PERKINS	4012-46TAG2A	1395	1267	45,842	12 - 60° V	Electronic	STAMFORD	PI734C	1660	2500
E PR EM 1880	1880	1504	1710	1368	PERKINS	4012-46TAG3A	1583	1440	45,842	12 - 60° V	Electronic	EMSA	EG450-1350N	1941	3000
E PR ST 1880	1880	1504	1710	1368	PERKINS	4012-46TAG3A	1583	1440	45,842	12 - 60° V	Electronic	STAMFORD	S7L1D-E	1873	3000
E PR EM 2028	2028	1622	1844	1475	PERKINS	4016TAG1A	1690	1537	61,123	16 - 60° V	Electronic	EMSA	EG450-1500N	2156	3000
E PR ST 2028	2028	1622	1844	1475	PERKINS	4016TAG1A	1690	1537	61,123	16 - 60° V	Electronic	STAMFORD	PI734E	2035	3000
E PR ST 2250	2250	1800	2050	1640	PERKINS	4016TAG2A	1886	1715	61,123	16 - 60° V	Electronic	STAMFORD	PI734F	2250	4000
E PR EM 2264	2264	1811	2058	1646	PERKINS	4016TAG2A	1886	1715	61,123	16 - 60° V	Electronic	EMSA	EG450-1600N	2300	4000
E PR EM 2500	2500	2000	2250	1800	PERKINS	4016-61TRG3	2083	1875	61,123	16 - 60° V	Electronic	EMSA	EG500-1800N	2588	4000
E PR ST 2500	2500	2000	2250	1800	PERKINS	4016-61TRG3	2083	1875	61,123	16 - 60° V	Electronic	STAMFORD	PI734H	2600	4000

Standby Rating for a standby engine should be sized for a maximum of 70% average load factor and roughly 200 hours per year. Standby power ratings should never be applied except in true emergency outage situations. With standby rated generators there is no overload capability built into the units.

Prime Power is the maximum power accessible at the variable load for an unlimited number of hours per year in a variable load setting. It is not advisable that the variable load exceed 70% average of the prime power rating during any operational period. If the engine is running at 100% prime power, yearly hours should not exceed 500. Overload situations should be avoided however a 10% overload capability is available for a 1 hour period within a 12 hour cycle of operation.

Continuous Power is used in applications where supplying power is at a constant %100 load for an unlimited number of hours each year. Continuous power rated units are most widely used in applications where the power grid is unreachable.



PERKINS Series 60 Hz., 3 phase, 220 / 440V Diesel Generator Sets

GENSET SPECIFICATIONS					ENGINE SPECIFICATIONS							ALTERNATOR SPECIFICATIONS			FUEL TANK CAPACITY (LT)
MODEL	GENSET POWER				BRAND	MODEL	GENSET POWER		DISPLACEMENT (lt)	NUMBER OF CYLINDERS	GOVERNOR TYPE	BRAND	MODEL	POWER (KVA)	
	STAND BY	PRIME		STAND BY			PRIME								
	kVA	kW	kVA	kW			kW	kW							
E PR ST 0012/6	12	10	11	9	PERKINS	403A-11G1	11,4	10,3	1,131	3, in line	Mechanic	STAMFORD	S0L1-H	12,3	82
E PR ST 0017/6	17	13,6	16	12,8	PERKINS	403A-15G1	15,9	14,4	1,496	3, in line	Mechanic	STAMFORD	S0L1-P	18,5	82
E PR ST 0027/6	27	21,6	24	19,2	PERKINS	404A-22G1	23,9	21,6	2,216	4, in line	Mechanic	STAMFORD	S0L2-M	30,8	82
E PR ST 0038/6	38	30,4	35	28	PERKINS	1103A-33G	35,4	32,2	3,3	3, in line	Mechanic	STAMFORD	S0L2-P	36,9	101
E PR ST 0059/6	59	47,2	53	42,4	PERKINS	1103A-33TG1	54	49	3,3	3, in line	Mechanic	STAMFORD	S1L2-N	55,4	101
E PR ST 0075/6	75	60	68	54,4	PERKINS	1103A-33TG2	68	61	3,3	3, in line	Mechanic	STAMFORD	S1L2-Y	76,2	101
E PR ST 0084/6	84	67,2	76	60,8	PERKINS	1104A-44TG1	75,5	68,6	4,4	4, in line	Mechanic	STAMFORD	S1L2-Y	76,2	139
E PR ST 0100/6	100	80	91	72,8	PERKINS	1104A-44TG2	90,2	82	4,4	4, in line	Mechanic	STAMFORD	UCI224G	106,3	139
E PR ST 0127/6	127	101,6	114	91,2	PERKINS	1104C-44TAG2	112,4	101,7	4,4	4, in line	Electronic	STAMFORD	UCI274C	127,5	139
E PR ST 0169/6	169	135,2	152	121,6	PERKINS	1106A-70TG1	148,4	133,5	7,01	6, in line	Mechanic	STAMFORD	UCI274E	181,3	275
E PR ST 0188/6	188	150,4	169	135,2	PERKINS	1106A-70TAG2	164	147	7,01	6, in line	Mechanic	STAMFORD	UCI274F	206,3	275
E PR ST 0219/6	219	175,2	197	157,6	PERKINS	1106A-70TAG3	191,7	172,5	7,01	6, in line	Mechanic	STAMFORD	UCI274G	234	275
E PR ST 0250/6	250	200	225	180	PERKINS	1206A-E70TTAG1	223,6	201,6	7,01	6, in line	Electronic	STAMFORD	UCI274H	265	275
E PR ST 0273/6	273	218,4	248	198,4	PERKINS	1506A-E88TAG2	239	218	8,8	6, in line	Electronic	STAMFORD	UCDI274J	306	360
E PR ST 0320/6	320	256	290	232	PERKINS	1506A-E88TAG3	278	250	8,8	6, in line	Electronic	STAMFORD	UCDI274K	320	360
E PR ST 0344/6	344	275,2	313	250,4	PERKINS	1506A-E88TAG4	306	278	8,8	6, in line	Electronic	STAMFORD	S4L1D-D	410	360
E PR ST 0389/6	389	311,2	352	281,6	PERKINS	1506A-E88TAG5	333	300	8,8	6, in line	Electronic	STAMFORD	S4L1D-D	410	360
E PR ST 0440/6	440	352	400	320	PERKINS	2206A-E13TAG2	406,5	373,4	12,5	6, in line	Electronic	STAMFORD	S4L1D-E	470	980
E PR ST 0500/6	500	400	438	350,4	PERKINS	2206A-E13TAG3	438	400	12,5	6, in line	Electronic	STAMFORD	S4L1D-F	550	980
E PR ST 0563/6	563	450,4	513	410,4	PERKINS	2506A-E15TAG1	490	435	15,2	6, in line	Electronic	STAMFORD	HCI544C	600	980
E PR ST 0624/6	624	499,2	569	455,2	PERKINS	2506A-E15TAG4	543	495	15,2	6, in line	Electronic	STAMFORD	HCI544D	644	980
E PR ST 0700/6	700	560	650	520	PERKINS	2806A-E18TAG1A	598	543	18,1	6, in line	Electronic	STAMFORD	HCI544E	769	980
E PR ST 0750/6	750	600	681	544,8	PERKINS	2806A-E18TAG3	652	592	18,1	6, in line	Electronic	STAMFORD	HCI544E	769	980
E PR ST 0888/6	888	710,4	802	641,6	PERKINS	2806A-E18TAG5	748	675	18,1	6, in line	Electronic	STAMFORD	HCI634G	1000	1704
E PR ST 0944/6	944	755,2	849	679,2	PERKINS	4006-23TAG3A	795	715	22,921	6, in line	Electronic	STAMFORD	HCI634G	1000	2072
E PR ST 1097/6	1100	880	1000	800	PERKINS	4008TAG2	948	842	30,561	8, in line	Electronic	STAMFORD	HCI634H	1163	2500
E PR ST 1385/6	1385	1108	1253	1002,4	PERKINS	4012-46TWG2A	1166	1055	45,842	12 - 60° V	Electronic	STAMFORD	HCI634K	1463	2500
E PR ST 1656/6	1656	1324,8	1505	1204	PERKINS	4012-46TAG2A	1399	1272	45,842	12 - 60° V	Electronic	STAMFORD	PI734B	1740	2500
E PR ST 1880/6	1880	1504	1710	1368	PERKINS	4012-46TAG3A	1583	1440	45,842	12 - 60° V	Electronic	STAMFORD	PI734C	1945	3000





PERKINS Series 60 Hz., 3 phase, 220 / 440V Diesel Generator Sets

GENSET SPECIFICATIONS					ENGINE SPECIFICATIONS					ALTERNATOR SPECIFICATIONS			FUEL TANK CAPACITY (LT)		
MODEL	GENSET POWER				BRAND	MODEL	GENSET POWER		DISPLACEMENT (lt)	NUMBER OF CYLINDERS	GOVERNOR TYPE	BRAND		MODEL	POWER (KVA)
	STAND BY	PRIME		STAND BY			PRIME								
	kVA	kW	kVA	kW			kW	kW							

Standby Rating for a standby engine should be sized for a maximum of 70% average load factor and roughly 200 hours per year. Standby power ratings should never be applied except in true emergency outage situations. With standby rated generators there is no overload capability built into the units.

Prime Power is the maximum power accessible at the variable load for an unlimited number of hours per year in a variable load setting. It is not advisable that the variable load exceed 70% average of the prime power rating during any operational period. If the engine is running at 100% prime power, yearly hours should not exceed 500. Overload situations should be avoided however a 10% overload capability is available for a 1 hour period within a 12 hour cycle of operation.

Continuous Power is used in applications where supplying power is at a constant %100 load for an unlimited number of hours each year. Continuous power rated units are most widely used in applications where the power grid is unreachable.



PERKINS Series 60 Hz., 3 phase, 380V Diesel Generator Sets

GENSET SPECIFICATIONS					ENGINE SPECIFICATIONS					ALTERNATOR SPECIFICATIONS			FUEL TANK CAPACITY (LT)		
MODEL	GENSET POWER				BRAND	MODEL	GENSET POWER		DISPLACEMENT (lt)	NUMBER OF CYLINDERS	GOVERNOR TYPE	BRAND		MODEL	POWER (KVA)
	STAND BY	PRIME		STAND BY			PRIME								
	kVA	kW	kVA	kW			kW	kW							
E PR ST 0012/6	12	10	11	9	PERKINS	403A-11G1	11,4	10,3	1,131	3, in line	Mechanic	STAMFORD	S0L1-L	13,1	82
E PR ST 0017/6	17	13,6	16	12,8	PERKINS	403A-15G1	15,9	14,4	1,496	3, in line	Mechanic	STAMFORD	S0L2-F	18,3	82
E PR ST 0027/6	27	21,6	24	19,2	PERKINS	404A-22G1	23,9	21,6	2,216	4, in line	Mechanic	STAMFORD	S0L2-M	26	82
E PR ST 0038/6	38	30,4	35	28	PERKINS	1103A-33G	35,4	32,2	3,3	3, in line	Mechanic	STAMFORD	S1L2-K	41,8	101
E PR ST 0059/6	59	47,2	53	42,4	PERKINS	1103A-33TG1	54	49	3,3	3, in line	Mechanic	STAMFORD	S1L2-Y	65,3	101
E PR ST 0075/6	75	60	68	54,4	PERKINS	1103A-33TG2	68	61	3,3	3, in line	Mechanic	STAMFORD	UCI224F	83,8	101
E PR ST 0084/6	84	67,2	76	60,8	PERKINS	1104A-44TG1	75,5	68,6	4,4	4, in line	Mechanic	STAMFORD	UCI224F	83,8	139
E PR ST 0100/6	100	80	91	72,8	PERKINS	1104A-44TG2	90,2	82	4,4	4, in line	Mechanic	STAMFORD	UCI274C	108,8	139
E PR ST 0127/6	127	101,6	114	91,2	PERKINS	1104C-44TAG2	112,4	101,7	4,4	4, in line	Electronic	STAMFORD	UCI274D	130	139
E PR ST 0169/6	169	135,2	152	121,6	PERKINS	1106A-70TG1	148,4	133,5	7,01	6, in line	Mechanic	STAMFORD	UCI274F	175	275
E PR ST 0188/6	188	150,4	169	135,2	PERKINS	1106A-70TAG2	164	147	7,01	6, in line	Mechanic	STAMFORD	UCI274G	199	275
E PR ST 0219/6	219	175,2	197	157,6	PERKINS	1106A-70TAG3	191,7	172,5	7,01	6, in line	Mechanic	STAMFORD	UCI274H	233,8	275
E PR ST 0250/6	250	200	225	180	PERKINS	1206A-E70TTAG1	223,6	201,6	7,01	6, in line	Electronic	STAMFORD	UCDI274J	264,3	275
E PR ST 0273/6	273	218,4	248	198,4	PERKINS	1506A-E88TAG2	239	218	8,8	6, in line	Electronic	STAMFORD	UCDI274K	276,4	360
E PR ST 0320/6	320	256	290	232	PERKINS	1506A-E88TAG3	278	250	8,8	6, in line	Electronic	STAMFORD	S4L1D-D	354,1	360
E PR ST 0344/6	344	275,2	313	250,4	PERKINS	1506A-E88TAG4	306	278	8,8	6, in line	Electronic	STAMFORD	S4L1D-D	354,1	360
E PR ST 0389/6	389	311,2	352	281,6	PERKINS	1506A-E88TAG5	333	300	8,8	6, in line	Electronic	STAMFORD	S4L1D-E	405,9	360
E PR ST 0440/6	440	352	400	320	PERKINS	2206A-E13TAG2	406,5	373,4	12,5	6, in line	Electronic	STAMFORD	S4L1D-F	475	980
E PR ST 0500/6	500	400	438	350,4	PERKINS	2206A-E13TAG3	438	400	12,5	6, in line	Electronic	STAMFORD	HCI544C	518,2	980
E PR ST 0563/6	563	450,4	513	410,4	PERKINS	2506A-E15TAG1	490	435	15,2	6, in line	Electronic	STAMFORD	HCI544D	556,2	980
E PR ST 0624/6	624	499,2	569	455,2	PERKINS	2506A-E15TAG4	543	495	15,2	6, in line	Electronic	STAMFORD	HCI544E	664,1	980
E PR ST 0700/6	700	560	650	520	PERKINS	2806A-E18TAG1A	598	543	18,1	6, in line	Electronic	STAMFORD	HCI544F	728,9	980
E PR ST 0750/6	750	600	681	544,8	PERKINS	2806A-E18TAG3	652	592	18,1	6, in line	Electronic	STAMFORD	HCI634G	863,6	980
E PR ST 0888/6	888	710,4	802	641,6	PERKINS	2806A-E18TAG5	748	675	18,1	6, in line	Electronic	STAMFORD	HCI634H	1004,4	1704
E PR ST 0944/6	944	755,2	849	679,2	PERKINS	4006-23TAG3A	795	715	22,921	6, in line	Electronic	STAMFORD	HCI634H	1004,4	2072
E PR ST 1097/6	1100	880	1000	800	PERKINS	4008TAG2	948	842	30,561	8, in line	Electronic	STAMFORD	HCI634J	1122,7	2500
E PR ST 1385/6	1385	1108	1253	1002,4	PERKINS	4012-46TWG2A	1166	1055	45,842	12 - 60° V	Electronic	STAMFORD	PI734A	1386,1	2500
E PR ST 1656/6	1656	1324,8	1505	1204	PERKINS	4012-46TAG2A	1399	1272	45,842	12 - 60° V	Electronic	STAMFORD	PI734C	1679,8	2500
E PR ST 1880/6	1880	1504	1710	1368	PERKINS	4012-46TAG3A	1583	1440	45,842	12 - 60° V	Electronic	STAMFORD	PI734E	2042,5	3000

Standby Rating for a standby engine should be sized for a maximum of 70% average load factor and roughly 200 hours per year. Standby power ratings should never be applied except in true emergency outage situations. With standby rated generators there is no overload capability built into the units.

Prime Power is the maximum power accessible at the variable load for an unlimited number of hours per year in a variable load setting. It is not advisable that the variable load exceed 70% average of the prime power rating during any operational period. If the engine is running at 100% prime power, yearly hours should not exceed 500. Overload situations should be avoided however a 10% overload capability is available for a 1 hour period within a 12 hour cycle of operation.

Continuous Power is used in applications where supplying power is at a constant %100 load for an unlimited number of hours each year. Continuous power rated units are most widely used in applications where the power grid is unreachable.



PERKINS Series 50 Hz., 1 phase, 220V Diesel Generator Sets

GENSET SPECIFICATIONS					ENGINE SPECIFICATIONS					ALTERNATOR SPECIFICATIONS			FUEL TANK CAPACITY (LT)		
MODEL	GENSET POWER COS PHI 0,8/1				BRAND	MODEL	GENSET POWER		DISPLACEMENT (lt)	NUMBER OF CYLINDERS	GOVERNOR TYPE	BRAND		MODEL	POWER (KVA) COS PHI 0,8/1
	STAND BY	PRIME		STAND BY			PRIME								
	kVA	kW	kVA	kW			kW	kW							
E PR ST 0010/M	9,8/7,8	7,8/7,8	8,9/7,1	7,1/7,1	PERKINS	403A-11G1	9,2	8,4	1,131	3, in line	Mechanic	STAMFORD	S0L1-P	10/8	82
E PR EM 0010/M	10/8	8/8	9/7,2	7,2/7,2	PERKINS	403A-11G1	9,2	8,4	1,131	3, in line	Mechanic	EMSA	EGK160-16N2	14/11	82
E PR ST 0011/M	11,1/8,9	8,9/8,9	10,1/8,1	8,1/8,1	PERKINS	403A-15G1	13,2	12	1,496	3, in line	Mechanic	STAMFORD	S0L2-F	11/9	82
E PR EM 0015/M	15/12	12/12	13/10,9	10,4/10,9	PERKINS	403A-15G1	13,2	12	1,496	3, in line	Mechanic	EMSA	EGK180-20N2	17/14	82





PERKINS Series 50 Hz., 1 phase, 220V Diesel Generator Sets

GENSET SPECIFICATIONS					ENGINE SPECIFICATIONS							ALTERNATOR SPECIFICATIONS			FUEL TANK CAPACITY (LT)
MODEL	GENSET POWER COS PHI 0,8/1				BRAND	MODEL	GENSET POWER		DISPLACEMENT (lt)	NUMBER OF CYLINDERS	GOVERNOR TYPE	BRAND	MODEL	POWER (KVA) COS PHI 0,8/1	
	STAND BY		PRIME				kW	kW							
	kVA	kW	kVA	kW											
E PR ST 0015/M	15/12	12/12	13/10,9	10,4/10,9	PERKINS	403A-15G1	13,2	12	1,496	3, in line	Mechanic	STAMFORD	S0L2-M	16/13	82
E PR EM 0022/M	22/17,6	17,6/17,6	20/16	16/16	PERKINS	404A-22G1	20,3	18,4	2,216	4, in line	Mechanic	EMSA	EGK180-36N2	29/23	82
E PR ST 0022/M	22/17,6	17,6/17,6	20/16	16/16	PERKINS	404A-22G1	20,3	18,4	2,216	4, in line	Mechanic	STAMFORD	S1L2-K	25/20	82
E PR EM 0021/M	20,8/16,6	16,6/16,6	18,9/15,1	15,1/15,1	PERKINS	404A-22G1	20,3	18,4	2,216	4, in line	Mechanic	EMSA	EGK180-24N2	21/17	82
E PR ST 0031/M	31,4/26,4	25,1/26,4	28,5/24	22,8/24	PERKINS	1103A-33G	30,4	27,7	3,3	3, in line	Mechanic	STAMFORD	UCI224C	31/28	101
E PR ST 0033/M	33/27,8	26,4/27,8	30/25,3	24/25,3	PERKINS	1103A-33G	30,4	27,7	3,3	3, in line	Mechanic	STAMFORD	UCI224D	37/34	101
E PR EM 0033/M	33/27,8	26,4/27,8	30/25,3	24/25,3	PERKINS	1103A-33G	30,4	27,7	3,3	3, in line	Mechanic	EMSA	EGK225-50N	43/34	101
E PR ST 0050/M	50/40	40/40	45/36,4	36/36,4	PERKINS	1103A-33TG1	45,6	41,3	3,3	3, in line	Mechanic	STAMFORD	UCI224F	53/43	101
E PR EM 0050/M	50/40	40/40	45/36,4	36/36,4	PERKINS	1103A-33TG1	45,6	41,3	3,3	3, in line	Mechanic	EMSA	EGK225-70N	54/43	101
E PR ST 0066/M	66/52,8	52,8/52,8	60/48	48/48	PERKINS	1103A-33TG2	59,3	53,8	3,3	3, in line	Mechanic	STAMFORD	UCI274C	66/53	101
E PR EM 0066/M	66/52,8	52,8/52,8	60/48	48/48	PERKINS	1103A-33TG2	59,3	53,8	3,3	3, in line	Mechanic	EMSA	EGK225-80N	68/54	101
E PR EM 0068/M	67,5/54	54/54	61,4/49,1	49,1/49,1	PERKINS	1104A-44TG1	64,3	58,4	4,4	4, in line	Mechanic	EMSA	EGK225-80N	68/54	139
E PR ST 0072/M	72/57,6	57,6/57,6	65/52,4	52/52,4	PERKINS	1104A-44TG1	64,3	58,4	4,4	4, in line	Mechanic	STAMFORD	UCI274D	75/60	139
E PR EM 0072/M	72/57,6	57,6/57,6	65/52,4	52/52,4	PERKINS	1104A-44TG1	64,3	58,4	4,4	4, in line	Mechanic	EMSA	EGK225-120N	95/76	139

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GENSET SPECIFICATIONS					ENGINE SPECIFICATIONS							ALTERNATOR SPECIFICATIONS			FUEL TANK CAPACITY (LT)
MODEL	GENSET POWER				BRAND	MODEL	GENSET POWER		DISPLACEMENT (lt)	NUMBER OF CYLINDERS	GOVERNOR TYPE	BRAND	MODEL	POWER (KVA)	
	STAND BY	PRIME	STAND BY	PRIME			kVA	kW							
	kVA	kW	kVA	kW			kW								
E BD EM 0022	22	18	20	16	BAUDOUIIN	4M06G20/5	20	18	2,3	4, in line	Electronic	EMSA	EGK160-16N2	23	82
E BD ST 0022	22	18	20	16	BAUDOUIIN	4M06G20/5	20	18	2,3	4, in line	Electronic	STAMFORD	S0L2-G1	22	82
E BD EM 0027	27	22	25	20	BAUDOUIIN	4M06G25/5	25	23	2,3	4, in line	Electronic	EMSA	EGK180-20N2	30	82
E BD ST 0027	27	22	25	20	BAUDOUIIN	4M06G25/5	25	23	2,3	4, in line	Electronic	STAMFORD	S0L2-M	27,5	82
E BD EM 0035	35	28	32	26	BAUDOUIIN	4M06G35/5	33	30	2,3	4, in line	Electronic	EMSA	EGK180-24N2	35	101
E BD ST 0035	35	28	32	26	BAUDOUIIN	4M06G35/5	33	30	2,3	4, in line	Electronic	STAMFORD	S1L2-K	44	101
E BD EM 0044	44	35	40	32	BAUDOUIIN	4M06G44/5	41	37	2,3	4, in line	Electronic	EMSA	EGK180-36N2	50	101
E BD ST 0044	44	35	40	32	BAUDOUIIN	4M06G44/5	41	37	2,3	4, in line	Electronic	STAMFORD	S1L2-K	44	101
E BD EM 0050	50	40	45	36	BAUDOUIIN	4M06G50/5	48	44	2,3	4, in line	Electronic	EMSA	EGK180-36N2	50	101
E BD ST 0050	50	40	45	36	BAUDOUIIN	4M06G50/5	48	44	2,3	4, in line	Electronic	STAMFORD	S1L2-N	49,5	101
E BD EM 0055	55	44	50	40	BAUDOUIIN	4M06G55/5	53	48	2,3	4, in line	PDF_BLOK4_ENGINE_SPECIFICATIONS_GOVERNOR_ECU	EMSA	EGK180-40N2	50	101
E BD ST 0055	55	44	50	40	BAUDOUIIN	4M06G55/5	53	48	2,3	4, in line	PDF_BLOK4_ENGINE_SPECIFICATIONS_GOVERNOR_ECU	STAMFORD	S1L2-Y	68,8	101
E BD EM 0070	70	56	65	52	BAUDOUIIN	4M10G70/5	66	60	4,087	4, in line	Electronic	EMSA	EGK225-50N	72	139
E BD ST 0072	70	56	65	52	BAUDOUIIN	4M10G70/5	66	60	4,087	4, in line	Electronic	STAMFORD	S1L2-Y	68,8	139
E BD EM 0088	88	70	80	64	BAUDOUIIN	4M10G88/5	80	72	4,087	4, in line	Electronic	EMSA	EGK225-70N	92	139
E BD ST 0088	88	70	80	64	BAUDOUIIN	4M10G88/5	80	72	4,087	4, in line	Electronic	STAMFORD	UCI224G	90,8	139
E BD EM 0110	110	88	100	80	BAUDOUIIN	4M10G110/5	100	90	4,087	4, in line	Electronic	EMSA	EGK225-80N	112	275
E BD ST 0110	110	88	100	80	BAUDOUIIN	4M10G110/5	100	90	4,087	4, in line	Electronic	STAMFORD	UCI274C	110	275
E BD EM 0150	150	120	135	108	BAUDOUIIN	6M11G150/5	140	128	6,75	6, in line	Electronic	EMSA	EGK225-120N	154	275
E BD ST 0150	150	120	135	108	BAUDOUIIN	6M11G150/5	140	128	6,75	6, in line	Electronic	STAMFORD	UCI274E	150	275
E BD EM 0165	165	132	150	120	BAUDOUIIN	6M11G165/5	152	138	6,75	6, in line	Electronic	EMSA	EGK280-150N	167	275
E BD ST 0165	165	132	150	120	BAUDOUIIN	6M11G165/5	152	138	6,75	6, in line	Electronic	STAMFORD	UCI274F	175	275
E BD EM 0220	220	176	200	160	BAUDOUIIN	6M16G220/5	204	187	9,726	6, in line	Electronic	EMSA	EGK280-170N	220	415
E BD ST 0220	220	176	200	160	BAUDOUIIN	6M16G220/5	204	187	9,726	6, in line	Electronic	STAMFORD	UCI274H	220	415
E BD EM 0250	250	200	230	184	BAUDOUIIN	6M16G250/5	238	216	9,726	6, in line	Electronic	EMSA	EGK280-220N	286	415
E BD ST 0250	250	200	230	184	BAUDOUIIN	6M16G250/5	238	216	9,726	6, in line	Electronic	STAMFORD	UCI274K	275	415
E BD EM 0275	275	220	250	200	BAUDOUIIN	6M16G275/5	264	240	9,726	6, in line	Electronic	EMSA	EGK280-220N	286	415
E BD ST 0275	275	220	250	200	BAUDOUIIN	6M16G275/5	264	240	9,726	6, in line	Electronic	STAMFORD	UCI274K	275	415
E BD EM 0320	320	256	288	231	BAUDOUIIN	6M16G300/5	280	255	9,726	6, in line	Electronic	EMSA	EGK280-250N	330	415
E BD ST 0320	320	256	288	231	BAUDOUIIN	6M16G300/5	280	255	9,726	6, in line	Electronic	STAMFORD	S4L1D-D	340	415
E BD ST 0340	340	272	310	248	BAUDOUIIN	6M16G350/5	320	291	9,726	6, in line	Electronic	STAMFORD	S4L1D-D	340	812
E BD EM 0350	350	280	320	256	BAUDOUIIN	6M16G350/5	320	291	9,726	6, in line	Electronic	EMSA	EGK280-260N	360	812
E BD EM 0400	400	320	365	292	BAUDOUIIN	6M21G400/5	385	350	12,54	6, in line	Electronic	EMSA	EGK315-290N	400	812
E BD ST 0400	400	320	365	292	BAUDOUIIN	6M21G400/5	385	350	12,54	6, in line	Electronic	STAMFORD	S4L1D-E	415	812
E BD EM 0440	440	352	400	320	BAUDOUIIN	6M21G440/5	405	368	12,54	6, in line	Electronic	EMSA	EGK315-320N	440	812
E BD ST 0440	440	352	400	320	BAUDOUIIN	6M21G440/5	405	368	12,54	6, in line	Electronic	STAMFORD	S4L1D-F	465	812
E BD EM 0500	500	400	450	360	BAUDOUIIN	6M21G500/5	450	409	12,54	6, in line	PDF_BLOK4_ENGINE_SPECIFICATIONS_GOVERNOR_ECU	EMSA	EGK315-400N	550	812
E BD ST 0500	500	400	450	360	BAUDOUIIN	6M21G500/5	450	409	12,54	6, in line	PDF_BLOK4_ENGINE_SPECIFICATIONS_GOVERNOR_ECU	STAMFORD	S4L1D-G	500	812
E BD EM 0550	550	440	500	400	BAUDOUIIN	6M21G550/5	490	450	12,54	6, in line	PDF_BLOK4_ENGINE_SPECIFICATIONS_GOVERNOR_ECU	EMSA	EGK315-400N	550	812
E BD ST 0550	550	440	500	400	BAUDOUIIN	6M21G550/5	490	450	12,54	6, in line	PDF_BLOK4_ENGINE_SPECIFICATIONS_GOVERNOR_ECU	STAMFORD	HCI544D	590	812
E BD EM 0660	660	528	600	480	BAUDOUIIN	8M21G660/5	580	530	19,6	8 V	PDF_BLOK4_ENGINE_SPECIFICATIONS_GOVERNOR_ECU	EMSA	EGK355-470N	660	885
E BD ST 0660	660	528	600	480	BAUDOUIIN	8M21G660/5	580	530	19,6	8 V	PDF_BLOK4_ENGINE_SPECIFICATIONS_GOVERNOR_ECU	STAMFORD	HCI544E	665	885
E BD EM 0715	715	572	650	520	BAUDOUIIN	6M33G715/5	633	575	19,6	6, in line	Electronic	EMSA	EGK355-550N	715	885
E BD ST 0715	715	572	650	520	BAUDOUIIN	6M33G715/5	633	575	19,6	6, in line	Electronic	STAMFORD	HCI544F	738	885
E BD EM 0750	750	600	680	544	BAUDOUIIN	6M33G750/5	670	610	19,6	6, in line	Electronic	EMSA	EGK355-600N	850	885
E BD ST 0750	750	600	680	544	BAUDOUIIN	6M33G750/5	670	610	19,6	6, in line	Electronic	STAMFORD	HCI634G	860	885
E BD EM 0825	825	660	750	600	BAUDOUIIN	6M33G825/5	725	675	19,6	6, in line	PDF_BLOK4_ENGINE_SPECIFICATIONS_GOVERNOR_ECU	EMSA	EGK355-600N	850	885
E BD ST 0825	825	660	750	600	BAUDOUIIN	6M33G825/5	725	675	19,6	6, in line	PDF_BLOK4_ENGINE_SPECIFICATIONS_GOVERNOR_ECU	STAMFORD	HCI634G	860	885
E BD EM 0900	900	720	815	652	BAUDOUIIN	12M26G900/5	793	725	31,8	12 V	Electronic	EMSA	EGK400-640N	900	1450
E BD ST 0900	900	720	815	652	BAUDOUIIN	12M26G900/5	793	725	31,8	12 V	Electronic	STAMFORD	HCI634H	1010	1450
E BD EM 1000	1000	800	900	720	BAUDOUIIN	12M26G1000/5	902	820	31,8	12 V	Electronic	EMSA	EGK400-800N	1125	1450
E BD ST 1000	1000	800	900	720	BAUDOUIIN	12M26G1000/5	902	820	31,8	12 V	Electronic	STAMFORD	HCI634H	1010	1450
E BD ST 1110	1110	888	1010	808	BAUDOUIIN	12M26G1100/5	973	889	31,8	12 V	Electronic	STAMFORD	HCI634J	1110	1450
E BD EM 1120	1120	896	1020	816	BAUDOUIIN	12M26G1100/5	973	889	31,8	12 V	Electronic	EMSA	EGK400-800N	1125	1450



BAUDOUIN Series 50 Hz., 3 phase, 400 / 230V Diesel Generator Sets

GENSET SPECIFICATIONS					ENGINE SPECIFICATIONS							ALTERNATOR SPECIFICATIONS			FUEL TANK CAPACITY (LT)
MODEL	GENSET POWER				BRAND	MODEL	GENSET POWER		DISPLACEMENT (lt)	NUMBER OF CYLINDERS	GOVERNOR TYPE	BRAND	MODEL	POWER (KVA)	
	STAND BY	PRIME					STAND BY	PRIME							
	kVA	kW	kVA	kW			kW	kW							
E BD EM 1250	1250	1000	1150	920	BAUDOUIN	12M33G1250/5	1108	1007	39,2	12 V	Electronic	EMSA	EGK400-900N	1250	2072
E BD ST 1250	1250	1000	1150	920	BAUDOUIN	12M33G1250/5	1108	1007	39,2	12 V	Electronic	STAMFORD	HCI634K	1230	2072
E BD EM 1400	1400	1120	1250	1000	BAUDOUIN	12M33G1400/5	1210	1100	39,2	12 V	Electronic	EMSA	EGK400-1000N	1400	2072
E BD ST 1400	1400	1120	1250	1000	BAUDOUIN	12M33G1400/5	1210	1100	39,2	12 V	Electronic	STAMFORD	PI734B	1500	2072
E BD EM 1500	1500	1200	1375	1100	BAUDOUIN	12M33G1500/5	1320	1200	39,2	12 V	Electronic	EMSA	EG400-1000N	1438	2275
E BD ST 1500	1500	1200	1375	1100	BAUDOUIN	12M33G1500/5	1320	1200	39,2	12 V	Electronic	STAMFORD	PI734B	1500	2275
E BD EM 1650	1650	1320	1500	1200	BAUDOUIN	12M33G1650/5	1450	1350	39,2	12 V	ECU	EMSA	EG450-1200N	1725	2275
E BD ST 1650	1650	1320	1500	1200	BAUDOUIN	12M33G1650/5	1450	1350	39,2	12 V	PDF_BLOK4 ENGINE SPECIFICATIONS_GOVERNOR_ECU	STAMFORD	PI734C	1660	2275
E BD EM 1900	1900	1520	1750	1400	BAUDOUIN	16M33G1900/5	1680	1530	52,3	16 V	PDF_BLOK4 ENGINE SPECIFICATIONS_GOVERNOR_ECU	EMSA	EG450-1350N	1941	-
E BD ST 1900	1900	1520	1750	1400	BAUDOUIN	16M33G1900/5	1680	1530	52,3	16 V	PDF_BLOK4 ENGINE SPECIFICATIONS_GOVERNOR_ECU	STAMFORD	S7L1D-E	1873	-
E BD EM 2000	2000	1600	1830	1464	BAUDOUIN	16M33G2000/5	1800	1680	52,3	16 V	PDF_BLOK4 ENGINE SPECIFICATIONS_GOVERNOR_ECU	EMSA	EG450-1500N	2156	-
E BD ST 2000	2000	1600	1830	1464	BAUDOUIN	16M33G2000/5	1800	1680	52,3	16 V	PDF_BLOK4 ENGINE SPECIFICATIONS_GOVERNOR_ECU	STAMFORD	PI734E	2035	-
E BD EM 2250	2250	1800	-	-	BAUDOUIN	16M33G2250/5	1980	1800	52,3	16 V	PDF_BLOK4 ENGINE SPECIFICATIONS_GOVERNOR_ECU	EMSA	EG450-1600N	2300	-
E BD ST 2250	2250	1800	-	-	BAUDOUIN	16M33G2250/5	1980	1800	52,3	16 V	PDF_BLOK4 ENGINE SPECIFICATIONS_GOVERNOR_ECU	STAMFORD	PI734F	2250	-
E BD EM 2500	2500	2000	2250	1800	BAUDOUIN	20M33G2500/5	2210	2010	65,4	20 V	PDF_BLOK4 ENGINE SPECIFICATIONS_GOVERNOR_ECU	EMSA	EG500-1800N	2588	-
E BD ST 2500	2500	2000	2250	1800	BAUDOUIN	20M33G2500/5	2009	2210	65,4	20 V	PDF_BLOK4 ENGINE SPECIFICATIONS_GOVERNOR_ECU	STAMFORD	PI734H	2600	-
E BD EM 2550	2550	2040	2304	1843	BAUDOUIN	12M55G2550/5	2210	1985	65,65	12 V	PDF_BLOK4 ENGINE SPECIFICATIONS_GOVERNOR_ECU	EMSA	EG500-1800N	2588	-
E BD ST 2550	2550	2040	2304	1843	BAUDOUIN	12M55G2550/5	2210	1985	65,65	12 V	PDF_BLOK4 ENGINE SPECIFICATIONS_GOVERNOR_ECU	STAMFORD	PI734H	2600	-

Standby Rating for a standby engine should be sized for a maximum of 70% average load factor and roughly 200 hours per year. Standby power ratings should never be applied except in true emergency outage situations. With standby rated generators there is no overload capability built into the units.
Prime Power is the maximum power accessible at the variable load for an unlimited number of hours per year in a variable load setting. It is not advisable that the variable load exceed 70% average of the prime power rating during any operational period. If the engine is running at 100% prime power, yearly hours should not exceed 500. Overload situations should be avoided however a 10% overload capability is available for a 1 hour period within a 12 hour cycle of operation.
Continuous Power is used in applications where supplying power is at a constant %100 load for an unlimited number of hours each year. Continuous power rated units are most widely used in applications where the power grid is unreachable.



BAUDOUIN Series 60 Hz., 3 phase, 220 / 440V Diesel Generator Sets

GENSET SPECIFICATIONS					ENGINE SPECIFICATIONS							ALTERNATOR SPECIFICATIONS			FUEL TANK CAPACITY (LT)
MODEL	GENSET POWER				BRAND	MODEL	GENSET POWER		DISPLACEMENT (lt)	NUMBER OF CYLINDERS	GOVERNOR TYPE	BRAND	MODEL	POWER (KVA)	
	STAND BY	PRIME					STAND BY	PRIME							
	kVA	kW	kVA	kW			kW	kW							
E BD ST 0025/6	25	20	23	18	BAUDOUIN	4M06G20/6	25	23	2,3	4, in line	Electronic	STAMFORD	S0L2-M	30,8	82
E BD ST 0032/6	32	26	29	23	BAUDOUIN	4M06G25/6	30	27	2,3	4, in line	Electronic	STAMFORD	S0L2-P	36,9	82
E BD ST 0042/6	42	34	38	30	BAUDOUIN	4M06G33/6	41	37	2,3	4, in line	Electronic	STAMFORD	S1L2-K	49,3	82
E BD ST 0050/6	50	40	46	37	BAUDOUIN	4M06G41/6	47	43	2,3	4, in line	Electronic	STAMFORD	S1L2-K	49,3	101
E BD ST 0063/6	63	50	56	45	BAUDOUIN	4M06G50/6	58	53	2,3	4, in line	Electronic	STAMFORD	S1L2-Y	76,2	101
E BD ST 0069/6	69	55	63	50	BAUDOUIN	4M06G55/6	63	58	2,3	4, in line	Electronic	STAMFORD	S1L2-Y	76,2	101
E BD ST 0103/6	103	82	94	75	BAUDOUIN	4M11G83/6	93	85	4,5	4, in line	Electronic	STAMFORD	UCI224G	106,3	139
E BD ST 0127/6	127	102	115	92	BAUDOUIN	4M11G106/6	118	108	4,5	4, in line	Electronic	STAMFORD	UCI274E	181,3	139
E BD ST 0138/6	138	110	125	100	BAUDOUIN	6M11G110/6	132	120	6,75	6, in line	Electronic	STAMFORD	UCI274E	181,3	139
E BD ST 0170/6	170	136	150	120	BAUDOUIN	6M11G135/6	158	144	6,75	6, in line	Electronic	STAMFORD	UCI274E	181,3	275
E BD ST 0200/6	200	160	181	145	BAUDOUIN	6M11G160/6	180	164	6,75	6, in line	Electronic	STAMFORD	UCI274F	206,3	275
E BD ST 0220/6	220	176	200	160	BAUDOUIN	6M11G176/6^	200	182	6,75	6, in line	Electronic	STAMFORD	UCI274G	234	275
E BD ST 0250/6	250	200	225	180	BAUDOUIN	6M16G200/6	238	216	9,726	6, in line	Electronic	STAMFORD	UCI274H	265	415
E BD ST 0275/6	275	220	250	200	BAUDOUIN	6M16G220/6	264	240	9,726	6, in line	Electronic	STAMFORD	UCI274K	320	360
E BD ST 0313/6	313	250	284	227	BAUDOUIN	6M16G250/6	288	262	9,726	6, in line	Electronic	STAMFORD	UCI274K	320	360
E BD ST 0385/6	385	308	350	280	BAUDOUIN	6M16G308/6^	360	327	9,726	6, in line	Electronic	STAMFORD	S4L1D-D	410	360
E BD ST 0410/6	410	328	375	300	BAUDOUIN	6M21G330/6	385	350	12,54	6, in line	Electronic	STAMFORD	S4L1D-D	410	360
E BD ST 0470/6	470	376	422	338	BAUDOUIN	6M21G390/6	448	407	12,54	6, in line	Electronic	STAMFORD	S4L1D-E	470	980

Emsa reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice.



Discover the potential



BAUDOUIIN Series 60 Hz., 3 phase, 220 / 440V Diesel Generator Sets

GENSET SPECIFICATIONS					ENGINE SPECIFICATIONS							ALTERNATOR SPECIFICATIONS			FUEL TANK CAPACITY (LT)
MODEL	GENSET POWER				BRAND	MODEL	GENSET POWER		DISPLACEMENT (lt)	NUMBER OF CYLINDERS	GOVERNOR TYPE	BRAND	MODEL	POWER (KVA)	
	STAND BY	PRIME					STAND BY	PRIME							
	kVA	kW	kVA	kW			kW	kW							
E BD ST 0500/6	500	400	455	364	BAUDOUIIN	6M21G400/6^	460	418	12,54	6, in line	Electronic	STAMFORD	S4L1D-F	550	980
E BD ST 0550/6	550	440	500	400	BAUDOUIIN	6M26G450/6	506	460	15,9	6, in line	Electronic	STAMFORD	S4L1D-F	550	980
E BD ST 0625/6	625	500	563	450	BAUDOUIIN	6M26G500/6	556	506	15,9	6, in line	Electronic	STAMFORD	HCI544D	644	980
E BD ST 0719/6	719	575	650	520	BAUDOUIIN	6M33G575/6	633	575	19,6	6, in line	Electronic	STAMFORD	HCI544E	769	980
E BD ST 0750/6	750	600	688	550	BAUDOUIIN	6M33G600/6	670	610	19,6	6, in line	Electronic	STAMFORD	HCI544E	769	980
E BD ST 0791/6	791	633	719	575	BAUDOUIIN	6M33G633/6^	710	645	19,6	6, in line	Electronic	STAMFORD	HCI544F	844	1704
E BD ST 0825/6	825	660	750	600	BAUDOUIIN	6M33G660/6^	740	670	19,6	6, in line	Electronic	STAMFORD	HCI544F	844	2072
E BD ST 0880/6	880	704	800	640	BAUDOUIIN	12M26G704/6	792	720	31,8	12 V	Electronic	STAMFORD	HCI634G	1000	2500
E BD ST 1000/6	1000	800	900	720	BAUDOUIIN	12M26G800/6	902	820	31,8	12 V	Electronic	STAMFORD	HCI634G	1000	2500
E BD ST 1125/6	1125	900	1000	800	BAUDOUIIN	12M26G900/6	1012	920	31,8	12 V	Electronic	STAMFORD	HCI634H	1163	2500

Standby Rating for a standby engine should be sized for a maximum of 70% average load factor and roughly 200 hours per year. Standby power ratings should never be applied except in true emergency outage situations. With standby rated generators there is no overload capability built into the units.

Prime Power is the maximum power accessible at the variable load for an unlimited number of hours per year in a variable load setting. It is not advisable that the variable load exceed 70% average of the prime power rating during any operational period. If the engine is running at 100% prime power, yearly hours should not exceed 500. Overload situations should be avoided however a 10% overload capability is available for a 1 hour period within a 12 hour cycle of operation.

Continuous Power is used in applications where supplying power is at a constant %100 load for an unlimited number of hours each year. Continuous power rated units are most widely used in applications where the power grid is unreachable.



BAUDOUIIN Series 60 Hz., 3 phase, 380V Diesel Generator Sets

GENSET SPECIFICATIONS					ENGINE SPECIFICATIONS							ALTERNATOR SPECIFICATIONS			FUEL TANK CAPACITY (LT)
MODEL	GENSET POWER				BRAND	MODEL	GENSET POWER		DISPLACEMENT (lt)	NUMBER OF CYLINDERS	GOVERNOR TYPE	BRAND	MODEL	POWER (KVA)	
	STAND BY	PRIME					STAND BY	PRIME							
	kVA	kW	kVA	kW			kW	kW							
E BD ST 0025/6	25	20	23	18	BAUDOUIIN	4M06G20/6	25	23	2,3	4, in line	Electronic	STAMFORD	N20G4	24,2	82
E BD ST 0032/6	32	26	29	23	BAUDOUIIN	4M06G25/6	30	27	2,3	4, in line	Electronic	STAMFORD	S0L2-P	31,4	82
E BD ST 0042/6	42	34	38	30	BAUDOUIIN	4M06G33/6	41	37	2,3	4, in line	Electronic	STAMFORD	S1L2-K	41,8	82
E BD ST 0050/6	50	40	46	37	BAUDOUIIN	4M06G41/6	47	43	2,3	4, in line	Electronic	STAMFORD	S1L2-K	41,8	101
E BD ST 0063/6	63	50	56	45	BAUDOUIIN	4M06G50/6	58	53	2,3	4, in line	Electronic	STAMFORD	S1L2-Y	65,3	101
E BD ST 0069/6	69	55	63	50	BAUDOUIIN	4M06G55/6	63	58	2,3	4, in line	Electronic	STAMFORD	S1L2-Y	65,3	101
E BD ST 0103/6	103	82	94	75	BAUDOUIIN	4M11G83/6	93	85	4,5	4, in line	Electronic	STAMFORD	UCI274C	108,8	139
E BD ST 0127/6	127	102	115	92	BAUDOUIIN	4M11G106/6	118	108	4,5	4, in line	Electronic	STAMFORD	UCI274E	160	139
E BD ST 0138/6	138	110	125	100	BAUDOUIIN	6M11G110/6	132	120	6,75	6, in line	Electronic	STAMFORD	UCI274E	160	139
E BD ST 0170/6	170	136	150	120	BAUDOUIIN	6M11G135/6	158	144	6,75	6, in line	Electronic	STAMFORD	UCI274F	175	275
E BD ST 0200/6	200	160	181	145	BAUDOUIIN	6M11G160/6	180	164	6,75	6, in line	Electronic	STAMFORD	UCI274G	199	275
E BD ST 0220/6	220	176	200	160	BAUDOUIIN	6M11G176/6^	200	182	6,75	6, in line	Electronic	STAMFORD	UCI274H	233,8	275
E BD ST 0250/6	250	200	225	180	BAUDOUIIN	6M16G200/6	238	216	9,726	6, in line	Electronic	STAMFORD	UCI274K	276,4	415
E BD ST 0275/6	275	220	250	200	BAUDOUIIN	6M16G220/6	264	240	9,726	6, in line	Electronic	STAMFORD	UCI274K	276,4	360
E BD ST 0313/6	313	250	284	227	BAUDOUIIN	6M16G250/6	288	262	9,726	6, in line	Electronic	STAMFORD	S4L1D-D	354,1	360
E BD ST 0385/6	385	308	350	280	BAUDOUIIN	6M16G308/6^	360	327	9,726	6, in line	Electronic	STAMFORD	S4L1D-E	405,9	360
E BD ST 0410/6	410	328	375	300	BAUDOUIIN	6M21G330/6	385	350	12,54	6, in line	Electronic	STAMFORD	S4L1D-F	475	360
E BD ST 0470/6	470	376	422	338	BAUDOUIIN	6M21G390/6	448	407	12,54	6, in line	Electronic	STAMFORD	S4L1D-F	475	980
E BD ST 0500/6	500	400	455	364	BAUDOUIIN	6M21G400/6^	460	418	12,54	6, in line	Electronic	STAMFORD	S4L1D-G	518,2	980
E BD ST 0550/6	550	440	500	400	BAUDOUIIN	6M26G450/6	506	460	15,9	6, in line	Electronic	STAMFORD	HCI544D	556,2	980
E BD ST 0625/6	625	500	563	450	BAUDOUIIN	6M26G500/6	556	506	15,9	6, in line	Electronic	STAMFORD	HCI544E	664,1	980
E BD ST 0719/6	719	575	650	520	BAUDOUIIN	6M33G575/6	633	575	19,6	6, in line	Electronic	STAMFORD	HCI544F	728,9	980
E BD ST 0750/6	750	600	688	550	BAUDOUIIN	6M33G600/6	670	610	19,6	6, in line	Electronic	STAMFORD	HCI634G	863,6	980
E BD ST 0791/6	791	633	719	575	BAUDOUIIN	6M33G633/6^	710	645	19,6	6, in line	Electronic	STAMFORD	HCI634G	863,6	1704
E BD ST 0825/6	825	660	750	600	BAUDOUIIN	6M33G660/6^	740	670	19,6	6, in line	Electronic	STAMFORD	HCI634G	863,6	2072
E BD ST 0880/6	880	704	800	640	BAUDOUIIN	12M26G704/6	792	720	31,8	12 V	Electronic	STAMFORD	HCI634H	1004,4	2500
E BD ST 1000/6	1000	800	900	720	BAUDOUIIN	12M26G800/6	902	820	31,8	12 V	Electronic	STAMFORD	HCI634H	1004,4	2500
E BD ST 1125/6	1125	900	1000	800	BAUDOUIIN	12M26G900/6	1012	920	31,8	12 V	Electronic	STAMFORD	HCI634J	1122,7	2500

Standby Rating for a standby engine should be sized for a maximum of 70% average load factor and roughly 200 hours per year. Standby power ratings should never be applied except in true emergency outage situations. With standby rated generators there is no overload capability built into the units.

Prime Power is the maximum power accessible at the variable load for an unlimited number of hours per year in a variable load setting. It is not advisable that the variable load exceed 70% average of the prime power rating during any operational period. If the engine is running at 100% prime power, yearly hours should not exceed 500. Overload situations should be avoided however a 10% overload capability is available for a 1 hour period within a 12 hour cycle of operation.

Continuous Power is used in applications where supplying power is at a constant %100 load for an unlimited number of hours each year. Continuous power rated units are most widely used in applications where the power grid is unreachable.





MITSUBISHI Series 50 Hz., 3 phase, 400 / 230V Diesel Generator Sets

GENSET SPECIFICATIONS					ENGINE SPECIFICATIONS							ALTERNATOR SPECIFICATIONS			FUEL TANK CAPACITY (LT)
MODEL	GENSET POWER				BRAND	MODEL	GENSET POWER		DISPLACEMENT (lt)	NUMBER OF CYLINDERS	GOVERNOR TYPE	BRAND	MODEL	POWER (KVA)	
	STAND BY	PRIME					STAND BY	PRIME							
	kVA	kW	kVA	kW			kW	kW							
E MH EM 1125	1125	900	1022	818	MITSUBISHI	S12H-PTA	880	824	37,11	12 V	Electronic	EMSA	EGK400-800N	1125	-
E MH ST 1125	1125	900	1022	818	MITSUBISHI	S12H-PTA	1020	930	37,11	12 V	Electronic	STAMFORD	HCI634J	1110	-
E MH EM 1425	1425	1140	1285	1028	MITSUBISHI	S12R-PTA	1190	1080	49,03	12 V	Electronic	EMSA	EGK400-1000N	1400	-
E MH ST 1425	1425	1140	1285	1028	MITSUBISHI	S12R-PTA	1190	1080	49,03	12 V	Electronic	STAMFORD	PI734B	1500	-
E MH EM 1550	1550	1240	1400	1120	MITSUBISHI	S12R PTA2	1285	1165	49,03	12 V	Electronic	EMSA	EG450-1200N	1725	-
E MH ST 1550	1550	1240	1400	1120	MITSUBISHI	S12R PTA2	1285	1165	49,03	12 V	Electronic	STAMFORD	PI734C	1660	-
E MH ST 1660	1660	1328	1510	1208	MITSUBISHI	S12R PTAA2	1404	1277	49,03	12 V	Electronic	STAMFORD	PI734C	1660	-
E MH EM 1685	1685	1348	1532	1226	MITSUBISHI	S12R PTAA2	1404	1277	49,03	12 V	Electronic	EMSA	EG450-1200N	1725	-
E MH EM 1905	1905	1524	1750	1400	MITSUBISHI	S16R PTA	1590	1450	65,37	16 V	Electronic	EMSA	EG450-1350N	1941	-
E MH ST 1905	1905	1524	1750	1400	MITSUBISHI	S16R PTA	1590	1450	65,37	16 V	Electronic	STAMFORD	PI734E	2035	-
E MH EM 2028	2028	1622	1844	1475	MITSUBISHI	S16R PTA2	1740	1580	65,37	16 V	Electronic	EMSA	EG450-1500N	2156	-
E MH ST 2028	2028	1622	1844	1475	MITSUBISHI	S16R PTA2	1740	1580	65,37	16 V	Electronic	STAMFORD	PI734E	2035	-
E MH EM 2200	2200	1760	2000	1600	MITSUBISHI	S16R PTAA2	1895	1684	65,37	16 V	Electronic	EMSA	EG450-1600N	2300	-
E MH ST 2200	2200	1760	2000	1600	MITSUBISHI	S16R PTAA2	1939	1728	65,37	16 V	Electronic	STAMFORD	PI734F	2250	-
E MH EM 2530	2530	2024	2286	1829	MITSUBISHI	S16R2 PTAW	2106	1899	79,9	16 V	Electronic	EMSA	EG500-1800N	2588	-
E MH ST 2530	2530	2024	2286	1829	MITSUBISHI	S16R2 PTAW	2106	1899	79,9	16 V	Electronic	STAMFORD	PI734H	2600	-
E MH EM 2700	2700	2160	2450	1960	MITSUBISHI	S16R2-PTAW-E	2275	2068	79,9	16 V	Electronic	EMSA	EG500-1920N	2760	-
E MH ST 2700	2700	2160	2450	1960	MITSUBISHI	S16R2-PTAW-E	2275	2068	79,9	16 V	Electronic	STAMFORD	S7L1D-J	2750	-
E MH ST 2750	2750	2200	2500	2000	MITSUBISHI	S16R2 PTAW2-E	2430	2209	79,9	16 V	Electronic	STAMFORD	S7L1D-J	2750	3000
E MH EM 2850	2850	2280	2600	2080	MITSUBISHI	S16R2 PTAW2-E	2430	2209	79,9	16 V	Electronic	EMSA	EG560-2000N	2875	-

Standby Rating for a standby engine should be sized for a maximum of 70% average load factor and roughly 200 hours per year. Standby power ratings should never be applied except in true emergency outage situations. With standby rated generators there is no overload capability built into the units.

Prime Power is the maximum power accessible at the variable load for an unlimited number of hours per year in a variable load setting. It is not advisable that the variable load exceed 70% average of the prime power rating during any operational period. If the engine is running at 100% prime power, yearly hours should not exceed 500. Overload situations should be avoided however a 10% overload capability is available for a 1 hour period within a 12 hour cycle of operation.

Continuous Power is used in applications where supplying power is at a constant %100 load for an unlimited number of hours each year. Continuous power rated units are most widely used in applications where the power grid is unreachable.





FPT-IVECO Series 50 Hz., 3 phase, 400 / 230V Diesel Generator Sets

GENSET SPECIFICATIONS					ENGINE SPECIFICATIONS					ALTERNATOR SPECIFICATIONS				FUEL TANK CAPACITY (LT)	
MODEL	GENSET POWER				BRAND	MODEL	GENSET POWER		DISPLACEMENT (lt)	NUMBER OF CYLINDERS	GOVERNOR TYPE	BRAND	MODEL		POWER (KVA)
	STAND BY	PRIME	STAND BY	PRIME			STAND BY	PRIME							
	kVA	kW	kVA	kW			kW	kW							
E IV EM 0033	33	26	30	24	FPT - IVECO	80313AM1P.S550	31	26,4	2,9	3, in line	Mechanic	EMSA	EGK180-24N2	35	101
E IV ST 0033	33	26	30	24	FPT - IVECO	80313AM1P.S550	31	26,4	2,9	3, in line	Mechanic	STAMFORD	S0L2-P	33	101
E IV EM 0050	50	40	45	36	FPT - IVECO	NEF45AM1A.S500	47	42,7	4,5	4, in line	Mechanic	EMSA	EGK180-36N2	50	101
E IV ST 0050	50	40	45	36	FPT - IVECO	NEF45AM1A.S500	47	42,7	4,5	4, in line	Mechanic	STAMFORD	S1L2-N	49,5	101
E IV EM 0055	55	44	50	40	FPT - IVECO	NEF45SM1A.S500	58,8	52,8	4,5	4, in line	Mechanic	EMSA	EGK180-40N2	72	101
E IV ST 0055	55	44	50	40	FPT - IVECO	NEF45SM1A.S500	58,8	52,8	4,5	4, in line	Mechanic	STAMFORD	S1L2-Y	68,8	101
E IV EM 0066	66	53	60	48	FPT - IVECO	NEF45SM1A.S500	58,8	52,8	4,5	4, in line	Mechanic	EMSA	EGK225-50N	72	139
E IV ST 0066	66	53	60	48	FPT - IVECO	NEF45SM1A.S500	58,8	52,8	4,5	4, in line	Mechanic	STAMFORD	S1L2-Y	68,8	139
E IV EM 0082	82	66	75	60	FPT - IVECO	NEF45SM2A.S500	72,7	65,6	4,5	4, in line	Mechanic	EMSA	EGK225-70N	92	139
E IV ST 0082	82	66	75	60	FPT - IVECO	NEF45SM2A.S500	72,7	65,6	4,5	4, in line	Mechanic	STAMFORD	UCI224G	90,8	139
E IV EM 0090	90	72	80	64	FPT - IVECO	NEF45SM3.S500	81	72	4,5	4, in line	Mechanic	EMSA	EGK225-70N	92	139
E IV ST 0090	90	72	80	64	FPT - IVECO	NEF45SM3.S500	81	72	4,5	4, in line	Mechanic	STAMFORD	UCI224G	90,8	139
E IV EM 0110	110	88	100	80	FPT - IVECO	NEF45TM2A.S500	96,2	89,6	4,5	4, in line	Mechanic	EMSA	EGK225-80N	112	275
E IV ST 0110	110	88	100	80	FPT - IVECO	NEF45TM2A.S500	96,2	89,6	4,5	4, in line	Mechanic	STAMFORD	UCI274C	110	275
E IV EM 0138	138	110	124	99	FPT - IVECO	NEF45TM3.S500	118	107	4,5	4, in line	Mechanic	EMSA	EGK225-120N	154	275
E IV ST 0138	138	110	124	99	FPT - IVECO	NEF45TM3.S500	118	107	4,5	4, in line	Mechanic	STAMFORD	UCI274E	150	275
E IV EM 0144	144	115	130	104	FPT - IVECO	NEF67TM2A.S500	126	114	6,7	6, in line	Mechanic	EMSA	EGK225-120N	154	275
E IV ST 0144	144	115	130	104	FPT - IVECO	NEF67TM2A.S500	126	114	6,7	6, in line	Mechanic	STAMFORD	UCI274E	150	275
E IV EM 0176	176	141	160	128	FPT - IVECO	NEF67TM3A.S500	152	140,8	6,7	6, in line	Mechanic	EMSA	EGK280-165N	200	275
E IV ST 0176	176	141	160	128	FPT - IVECO	NEF67TM3A.S500	152	140,8	6,7	6, in line	Mechanic	STAMFORD	UCI274F	175	275
E IV EM 0190	190	152	170	136	FPT - IVECO	NEF67TM4A.S500	165	149,7	6,7	6, in line	Mechanic	EMSA	EGK280-165N	200	275
E IV ST 0190	190	152	170	136	FPT - IVECO	NEF67TM4A.S500	165	149,7	6,7	6, in line	Mechanic	STAMFORD	UCI274G	200	275
E IV EM 0220	220	176	200	160	FPT - IVECO	NEF67TM7.S500	195	176	6,73	6, in line	Mechanic	EMSA	EGK280-170N	220	275
E IV ST 0220	220	176	200	160	FPT - IVECO	NEF67TM7.S500	195	176	6,73	6, in line	Mechanic	STAMFORD	UCI274H	220	275
E IV EM 0275	275	220	250	200	FPT - IVECO	NEF67TE8P.S550	238	216	6,7	6, in line	Electronic	EMSA	EGK280-220N	286	415
E IV ST 0275	275	220	250	200	FPT - IVECO	NEF67TE8P.S550	238	216	6,7	6, in line	Electronic	STAMFORD	UCI274K	275	415
E IV EM 0330	330	264	305	244	FPT - IVECO	CURS0R87TE4.S550	299	265,6	8,7	6, in line	Electronic	EMSA	EGK280-250N	330	812
E IV ST 0330	330	264	305	244	FPT - IVECO	CURS0R87TE4.S550	299	265,6	8,7	6, in line	Electronic	STAMFORD	S4L1D-D	340	812
E IV EM 0385	385	308	350	280	FPT - IVECO	CURS0R13TE2A.S551	360	327	12,9	6, in line	Electronic	EMSA	EGK315-290N	400	812
E IV ST 0385	385	308	350	280	FPT - IVECO	CURS0R13TE2A.S551	360	327	12,9	6, in line	Electronic	STAMFORD	S4L1D-E	415	812
E IV EM 0440	440	352	400	320	FPT - IVECO	CURS0R13TE3A.S551	387	352	12,88	6, in line	Electronic	EMSA	EGK315-320N	440	812
E IV ST 0440	440	352	400	320	FPT - IVECO	CURS0R13TE3A.S551	387	352	12,88	6, in line	Electronic	STAMFORD	S4L1D-F	465	812
E IV EM 0550	550	440	500	400	FPT - IVECO	CURS0R13TE7W.S550	459	440	12,9	6, in line	Electronic	EMSA	EGK315-400N	550	812
E IV ST 0550	550	440	500	400	FPT - IVECO	CURS0R13TE7W.S550	459	440	12,9	6, in line	Electronic	STAMFORD	HCI544D	590	812
E IV EM 0660	660	528	600	480	FPT - IVECO	CURS0R16TE1W.S550	559	528	15,9	6, in line	Electronic	EMSA	EGK355-470N	660	812
E IV ST 0660	660	528	600	480	FPT - IVECO	CURS0R16TE1W.S550	559	528	15,9	6, in line	Electronic	STAMFORD	HCI544E	665	812

Standby Rating for a standby engine should be sized for a maximum of 70% average load factor and roughly 200 hours per year. Standby power ratings should never be applied except in true emergency outage situations. With standby rated generators there is no overload capability built into the units.

Prime Power is the maximum power accessible at the variable load for an unlimited number of hours per year in a variable load setting. It is not advisable that the variable load exceed 70% average of the prime power rating during any operational period. If the engine is running at 100% prime power, yearly hours should not exceed 500. Overload situations should be avoided however a 10% overload capability is available for a 1 hour period within a 12 hour cycle of operation.

Continuous Power is used in applications where supplying power is at a constant %100 load for an unlimited number of hours each year. Continuous power rated units are most widely used in applications where the power grid is unreachable.



FPT-IVECO Series 60 Hz., 3 phase, 220 / 440V Diesel Generator Sets

GENSET SPECIFICATIONS					ENGINE SPECIFICATIONS					ALTERNATOR SPECIFICATIONS				FUEL TANK CAPACITY (LT)	
MODEL	GENSET POWER				BRAND	MODEL	GENSET POWER		DISPLACEMENT (lt)	NUMBER OF CYLINDERS	GOVERNOR TYPE	BRAND	MODEL		POWER (KVA)
	STAND BY	PRIME	STAND BY	PRIME			STAND BY	PRIME							
	kVA	kW	kVA	kW			kW	kW							
E IV ST 0037/6	37	29,6	34	27,2	FPT IVECO	80313AM1P.S550	35	32	2,9	3, in line	Mechanic	STAMFORD	S0L2-P	36,9	82
E IV ST 0074/6	74	59,2	67	53,6	FPT IVECO	NEF45SM1A.S500	65	59	4,5	4, in line	Mechanic	STAMFORD	S1L2-Y	76,2	139
E IV ST 0099/6	99	79,2	90	72	FPT IVECO	NEF45SM3.S500	97	88	4,5	4, in line	Mechanic	STAMFORD	UCI224G	106,3	139
E IV ST 0123/6	123	98,4	113	90,4	FPT IVECO	NEF45TM2A.S500	107	97	4,5	4, in line	Mechanic	STAMFORD	UCI274C	127,5	275
E IV ST 0140/6	140	112	128	102,4	FPT IVECO	NEF45TM3.S500	122	111	4,5	4, in line	Mechanic	STAMFORD	UCI274D	150	275
E IV ST 0162/6	162	129,6	147	117,6	FPT IVECO	NEF67TM2A.S500	141	128	6,7	6, in line	Mechanic	STAMFORD	UCI274E	181,3	275
E IV ST 0190/6	190	152	171	136,8	FPT IVECO	NEF67TM3A.S500	165	150	6,7	6, in line	Mechanic	STAMFORD	UCI274F	206,3	275
E IV ST 0227/6	227	181,6	206	164,8	FPT IVECO	NEF67TM7.S500	195	165	6,73	6, in line	Mechanic	STAMFORD	UCI274G	234	275
E IV ST 0294/6	294	235,2	267	213,6	FPT IVECO	NEF67TE8W.S550	255	231	6,7	6, in line	Electronic	STAMFORD	UCI274K	320	360
E IV ST 0387/6	387	309,6	356	284,8	FPT IVECO	CURS0R87TE4	333	306	8,7	6, in line	Electronic	STAMFORD	S4L1D-D	410	880





FPT-IVECO Series 60 Hz., 3 phase, 220 / 440V Diesel Generator Sets

GENSET SPECIFICATIONS					ENGINE SPECIFICATIONS							ALTERNATOR SPECIFICATIONS			FUEL TANK CAPACITY (LT)
MODEL	GENSET POWER				BRAND	MODEL	GENSET POWER		DISPLACEMENT (lt)	NUMBER OF CYLINDERS	GOVERNOR TYPE	BRAND	MODEL	POWER (KVA)	
	STAND BY		PRIME				STAND BY	PRIME							
	kVA	kW	kVA	kW			kW	kW							
E IV ST 0419/6	419	335,2	381	304,8	FPT IVECO	CURS0R13TE2A.S551	360	327	12,9	6, in line	Electronic	STAMFORD	S4L1D-E	470	880
E IV ST 0468/6	468	374,4	423	338,4	FPT IVECO	CURS0R13TE3A.S551	398	360	12,88	6, in line	Electronic	STAMFORD	S4L1D-E	470	880
E IV ST 0565/6	565	452	510	408	FPT IVECO	CR13TE7W.S550	474	428	12,9	6, in line	Electronic	STAMFORD	HCI544C	600	880
E IV ST 0644/6	644	515,2	594	475,2	FPT IVECO	CR16TE1W.S550	601	546	15,9	6, in line	Electronic	STAMFORD	HCI544D	644	880
E IV ST 0686/6	686	548,8	621	496,8	FPT IVECO	CR16TE1W.S550	601	546	15,9	6, in line	Electronic	STAMFORD	HCI544E	769	880

Standby Rating for a standby engine should be sized for a maximum of 70% average load factor and roughly 200 hours per year. Standby power ratings should never be applied except in true emergency outage situations. With standby rated generators there is no overload capability built into the units.

Prime Power is the maximum power accessible at the variable load for an unlimited number of hours per year in a variable load setting. It is not advisable that the variable load exceed 70% average of the prime power rating during any operational period. If the engine is running at 100% prime power, yearly hours should not exceed 500. Overload situations should be avoided however a 10% overload capability is available for a 1 hour period within a 12 hour cycle of operation.

Continuous Power is used in applications where supplying power is at a constant %100 load for an unlimited number of hours each year. Continuous power rated units are most widely used in applications where the power grid is unreachable.



FPT-IVECO Series 60 Hz., 3 phase, 380V Diesel Generator Sets

GENSET SPECIFICATIONS					ENGINE SPECIFICATIONS							ALTERNATOR SPECIFICATIONS			FUEL TANK CAPACITY (LT)
MODEL	GENSET POWER				BRAND	MODEL	GENSET POWER		DISPLACEMENT (lt)	NUMBER OF CYLINDERS	GOVERNOR TYPE	BRAND	MODEL	POWER (KVA)	
	STAND BY		PRIME				STAND BY	PRIME							
	kVA	kW	kVA	kW			kW	kW							
E IV ST 0037/6	37	29,6	34	27,2	FPT IVECO	80313AM1P.S550	35	32	2,9	3, in line	Mechanic	STAMFORD	S1L2-K	41,8	82
E IV ST 0074/6	74	59,2	67	53,6	FPT IVECO	NEF45SM1A.S500	65	59	4,5	4, in line	Mechanic	STAMFORD	UCI224F	83,8	139
E IV ST 0099/6	99	79,2	90	72	FPT IVECO	NEF45SM3.S500	97	88	4,5	4, in line	Mechanic	STAMFORD	UCI274C	108,8	139
E IV ST 0123/6	123	98,4	113	90,4	FPT IVECO	NEF45TM2A.S500	107	97	4,5	4, in line	Mechanic	STAMFORD	UCI274D	130	275
E IV ST 0140/6	140	112	128	102,4	FPT IVECO	NEF45TM3.S500	122	111	4,5	4, in line	Mechanic	STAMFORD	UCI274E	160	275
E IV ST 0162/6	162	129,6	147	117,6	FPT IVECO	NEF67TM2A.S500	141	128	6,7	6, in line	Mechanic	STAMFORD	UCI274F	160	275
E IV ST 0190/6	190	152	171	136,8	FPT IVECO	NEF67TM3A.S500	165	150	6,7	6, in line	Mechanic	STAMFORD	UCI274G	199	275
E IV ST 0227/6	227	181,6	206	164,8	FPT IVECO	NEF67TM7.S500	195	165	6,73	6, in line	Mechanic	STAMFORD	UCI274H	233,8	275
E IV ST 0294/6	294	235,2	267	213,6	FPT IVECO	NEF67TE8W.S550	255	231	6,7	6, in line	Electronic	STAMFORD	S4L1D-D	354,1	360
E IV ST 0387/6	387	309,6	356	284,8	FPT IVECO	CURS0R87TE4	333	306	8,7	6, in line	Electronic	STAMFORD	S4L1D-E	405,9	880
E IV ST 0419/6	419	335,2	381	304,8	FPT IVECO	CURS0R13TE2A.S551	360	327	12,9	6, in line	Electronic	STAMFORD	S4L1D-E	405,9	880
E IV ST 0468/6	468	374,4	423	338,4	FPT IVECO	CURS0R13TE3A.S551	398	360	12,88	6, in line	Electronic	STAMFORD	S4L1D-F	475	880
E IV ST 0565/6	565	452	510	408	FPT IVECO	CR13TE7W.S550	474	428	12,9	6, in line	Electronic	STAMFORD	HCI544D	556,2	880
E IV ST 0644/6	644	515,2	594	475,2	FPT IVECO	CR16TE1W.S550	601	546	15,9	6, in line	Electronic	STAMFORD	HCI544E	664,1	880
E IV ST 0686/6	686	548,8	621	496,8	FPT IVECO	CR16TE1W.S550	601	546	15,9	6, in line	Electronic	STAMFORD	HCI544F	728,9	880

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Continuous Power is used in applications where supplying power is at a constant %100 load for an unlimited number of hours each year. Continuous power rated units are most widely used in applications where the power grid is unreachable.





VOLVO Series 50 Hz., 3 phase, 400 / 230V Diesel Generator Sets

GENSET SPECIFICATIONS					ENGINE SPECIFICATIONS							ALTERNATOR SPECIFICATIONS			FUEL TANK CAPACITY (LT)
MODEL	GENSET POWER				BRAND	MODEL	GENSET POWER		DISPLACEMENT (lt)	NUMBER OF CYLINDERS	GOVERNOR TYPE	BRAND	MODEL	POWER (KVA)	
	STAND BY	PRIME					STAND BY	PRIME							
	kVA	kW	kVA	kW			kW	kW							
EVL EM 0094	94	75	85	68	VOLVO	TAD 530 GE	83	74	4,76	4, in line	Electronic	EMSA	EGK225-70N	92	139
EVL ST 0094	94	75	85	68	VOLVO	TAD 530 GE	83	74	4,76	4, in line	Electronic	STAMFORD	UCI274C	110	139
EVL EM 0109	109	87	100	80	VOLVO	TAD 531 GE	98	88	4,76	4, in line	Electronic	EMSA	EGK225-80N	112	275
EVL ST 0109	109	87	100	80	VOLVO	TAD 531 GE	98	88	4,76	4, in line	Electronic	STAMFORD	UCI274C	110	275
EVL EM 0142	142	114	130	104	VOLVO	TAD 532 GE	125	112	4,76	4, in line	Electronic	EMSA	EGK225-120N	154	275
EVL ST 0142	142	114	130	104	VOLVO	TAD 532 GE	125	112	4,76	4, in line	Electronic	STAMFORD	UCI274E	150	275
EVL EM 0167	167	134	152	122	VOLVO	TAD 731 GE	148	133	7,15	6, in line	Electronic	EMSA	EGK280-150N	167	275
EVL ST 0167	167	134	152	122	VOLVO	TAD 731 GE	148	133	7,15	6, in line	Electronic	STAMFORD	UCI274F	175	275
EVL EM 0200	200	160	180	144	VOLVO	TAD 732 GE	179	160	7,15	6, in line	Electronic	EMSA	EGK280-165N	200	275
EVL ST 0206	206	165	186	149	VOLVO	TAD 732 GE	179	160	7,15	6, in line	Electronic	STAMFORD	UCI274G	200	275
EVL EM 0220	220	176	200	160	VOLVO	TAD 733 GE	195	175	7,15	6, in line	Electronic	EMSA	EGK280-170N	220	415
EVL ST 0224	224	179	201	161	VOLVO	TAD 733 GE	195	175	7,15	6, in line	Electronic	STAMFORD	UCI274H	220	415
EVL EM 0278	278	222	250	200	VOLVO	TAD 734 GE	238	213	7,15	6, in line	Electronic	EMSA	EGK280-220N	286	415
EVL ST 0278	278	222	250	200	VOLVO	TAD 734 GE	238	213	7,15	6, in line	Electronic	STAMFORD	UCD1274K	275	415
EVL EM 0305	305	244	277	222	VOLVO	TAD 1341 GE	298	271	12,78	6, in line	Electronic	EMSA	EGK280-250N	330	850
EVL ST 0305	305	244	277	222	VOLVO	TAD 1341 GE	298	271	12,78	6, in line	Electronic	STAMFORD	S4L1D-D	340	850
EVL EM 0351	351	281	319	255	VOLVO	TAD 1341 GE	298	271	12,78	6, in line	Electronic	EMSA	EGK280-260N	360	850
EVL ST 0351	351	281	319	255	VOLVO	TAD 1341 GE	298	271	12,78	6, in line	Electronic	STAMFORD	S4L1D-D	340	850
EVL EM 0387	387	310	352	282	VOLVO	TAD 1342 GE	333	303	12,78	6, in line	Electronic	EMSA	EGK315-290N	400	850
EVL ST 0387	387	310	352	282	VOLVO	TAD 1342 GE	333	303	12,78	6, in line	Electronic	STAMFORD	S4L1D-E	415	850
EVL EM 0400	400	320	365	292	VOLVO	TAD 1343 GE	356	325	12,78	6, in line	Electronic	EMSA	EGK315-290N	400	850
EVL ST 0414	414	331	378	302	VOLVO	TAD 1343 GE	356	325	12,78	6, in line	Electronic	STAMFORD	S4L1D-E	415	850
EVL EM 0440	440	352	400	320	VOLVO	TAD 1344 GE	389	354	12,78	6, in line	Electronic	EMSA	EGK315-320N	440	850
EVL ST 0452	452	362	412	330	VOLVO	TAD 1344 GE	389	354	12,78	6, in line	Electronic	STAMFORD	S4L1D-F	465	850
EVL EM 0501	501	401	451	361	VOLVO	TAD 1345 GE	431	388	12,78	6, in line	Electronic	EMSA	EGK315-400N	550	850
EVL ST 0501	501	401	451	361	VOLVO	TAD 1345 GE	431	388	12,78	6, in line	Electronic	STAMFORD	S4L1D-G	500	850
EVL EM 0550	550	440	500	400	VOLVO	TAD 1641 GE	473	430	16,12	6, in line	Electronic	EMSA	EGK315-400N	550	1050
EVL ST 0556	556	445	505	404	VOLVO	TAD 1641 GE	473	430	16,12	6, in line	Electronic	STAMFORD	HCI544D	590	1050
EVL EM 0651	651	521	591	473	VOLVO	TAD 1642 GE	554	503	16,12	6, in line	Electronic	EMSA	EGK355-470N	660	1050
EVL ST 0651	651	521	591	473	VOLVO	TAD 1642 GE	554	503	16,12	6, in line	Electronic	STAMFORD	HCI544E	665	1050
EVL EM 0700	700	560	630	504	VOLVO	TWD 1643 GE	596	536	16,12	6, in line	Electronic	EMSA	EGK355-550N	715	1050
EVL ST 0700	700	560	630	504	VOLVO	TWD 1643 GE	596	536	16,12	6, in line	Electronic	STAMFORD	HCI544F	738	1050
EVL EM 0715	715	572	650	520	VOLVO	TWD 1644 GE	610	555	16,12	6, in line	Electronic	EMSA	EGK355-550N	715	1050
EVL ST 0715	715	572	650	520	VOLVO	TWD 1644 GE	610	555	16,12	6, in line	Electronic	STAMFORD	HCI544F	738	1050
EVL EM 0770	770	616	700	560	VOLVO	TWD 1645 GE	655	595	16,12	3, in line	Electronic	EMSA	EGK355-600N	850	1050
EVL ST 0770	770	616	700	560	VOLVO	TWD 1645 GE	655	595	16,12	3, in line	Electronic	STAMFORD	HCI634G	860	1050

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DEUTZ Series 50 Hz., 3 phase, 400 / 230V Diesel Generator Sets

GENSET SPECIFICATIONS					ENGINE SPECIFICATIONS							ALTERNATOR SPECIFICATIONS			FUEL TANK CAPACITY (LT)
MODEL	GENSET POWER				BRAND	MODEL	GENSET POWER		DISPLACEMENT (lt)	NUMBER OF CYLINDERS	GOVERNOR TYPE	BRAND	MODEL	POWER (KVA)	
	STAND BY		PRIME				STAND BY	PRIME							
	kVA	kW	kVA	kW			kW	kW							
E DT ST 0275	275	220	250	200	DEUTZ	BF6M1015-LA GA	250	227	11,906	6 V	Electronic	STAMFORD	UCDI274K	275	435
E DT EM 0290	290	232	264	211	DEUTZ	BF6M1015C-LA-G1A	250	227	11,906	6 V	Electronic	EMSA	EGK280-220N	286	435
E DT ST 0290	290	232	264	211	DEUTZ	BF6M1015C-LA-G1A	250	227	11,906	6 V	Electronic	STAMFORD	S4L1D-D	340	435
E DT EM 0400	400	320	365	292	DEUTZ	BF6M1015CP-LAG	365	332	11,906	6 V	Electronic	EMSA	EGK315-290N	400	638
E DT ST 0415	415	332	380	304	DEUTZ	BF6M1015CP-LAG	365	332	11,906	6 V	Electronic	STAMFORD	S4L1D-E	415	638
E DT EM 0440	440	352	400	320	DEUTZ	BF6M1015CP-LAG	365	332	11,906	6 V	Electronic	EMSA	EGK315-320N	440	638
E DT ST 0440	440	352	400	320	DEUTZ	BF6M1015CP-LAG	365	332	11,906	6 V	Electronic	STAMFORD	S4L1D-F	465	638
E DT EM 0550	550	440	500	400	DEUTZ	BF8M1015C-LA G2	440	416	15,874	8 V	Electronic	EMSA	EGK315-400N	550	657
E DT ST 0550	550	440	500	400	DEUTZ	BF8M1015C-LA G2	440	416	15,874	8 V	Electronic	STAMFORD	HCI544D	590	657
E DT EM 0630	630	504	570	456	DEUTZ	BF8M1015CP-LA-G4	540	504	15,874	8 V	Electronic	EMSA	EGK355-470N	660	657
E DT ST 0630	630	504	570	456	DEUTZ	BF8M1015CP-LA G4	540	504	15,874	8 V	Electronic	STAMFORD	HCI544E	665	657
E DT EM 0700	700	560	636	509	DEUTZ	BF8M1015CP-LA G5	560	509	15,874	8 V	Electronic	EMSA	EGK355-550N	715	657
E DT ST 0700	700	560	636	509	DEUTZ	BF8M1015CP-LA G5	560	509	15,874	8 V	Electronic	STAMFORD	HCI544F	738	657

Standby Rating for a standby engine should be sized for a maximum of 70% average load factor and roughly 200 hours per year. Standby power ratings should never be applied except in true emergency outage situations. With standby rated generators there is no overload capability built into the units.

Prime Power is the maximum power accessible at the variable load for an unlimited number of hours per year in a variable load setting. It is not advisable that the variable load exceed 70% average of the prime power rating during any operational period. If the engine is running at 100% prime power, yearly hours should not exceed 500. Overload situations should be avoided however a 10% overload capability is available for a 1 hour period within a 12 hour cycle of operation.

Continuous Power is used in applications where supplying power is at a constant %100 load for an unlimited number of hours each year. Continuous power rated units are most widely used in applications where the power grid is unreachable.





SCANIA Series 50 Hz., 3 phase, 400 / 230V Diesel Generator Sets

GENSET SPECIFICATIONS					ENGINE SPECIFICATIONS							ALTERNATOR SPECIFICATIONS			FUEL TANK CAPACITY (LT)
MODEL	GENSET POWER				BRAND	MODEL	GENSET POWER		DISPLACEMENT (lt)	NUMBER OF CYLINDERS	GOVERNOR TYPE	BRAND	MODEL	POWER (KVA)	
	STAND BY	PRIME		STAND BY			PRIME								
	kVA	kW	kVA	kW			kW	kW							
E SC EM 0275	275	220	250	200	SCANIA	DC09 072 A 02 11	249	226	9,3	5, in line	Electronic	EMSA	EGK280-220N	286	415
E SC ST 0275	275	220	250	200	SCANIA	DC09 072 A 02 11	249	226	9,3	5, in line	Electronic	STAMFORD	UCDI274K	275	415
E SC EM 0300	300	240	275	220	SCANIA	DC09 072 A 02 12	273	248	9,3	5, in line	Electronic	EMSA	EGK280-250N	330	415
E SC ST 0300	300	240	275	220	SCANIA	DC09 072 A 02 12	273	248	9,3	5, in line	Electronic	STAMFORD	S4L1D-D	340	415
E SC EM 0330	330	264	300	240	SCANIA	DC09 072 A 02 13	294	267	9,3	5, in line	Electronic	EMSA	EGK280-250N	330	415
E SC ST 0330	330	264	300	240	SCANIA	DC09 072 A 02 13	294	267	9,3	5, in line	Electronic	STAMFORD	S4L1D-D	340	415
E SC EM 0360	360	288	330	264	SCANIA	DC09 072 A 02 14	317	289	9,3	5, in line	Electronic	EMSA	EGK280-260N	360	812
E SC ST 0360	360	288	330	264	SCANIA	DC09 072 A 02 14	317	289	9,3	5, in line	Electronic	STAMFORD	S4L1D-E	415	812
E SC EM 0400	400	320	350	280	SCANIA	DC13 072 A 02 11	356	326	12,7	6, in line	Electronic	EMSA	EGK315-290N	400	827
E SC ST 0400	400	320	350	280	SCANIA	DC13 072 A 02 11	356	326	12,7	6, in line	Electronic	STAMFORD	S4L1D-E	415	827
E SC EM 0440	440	352	400	320	SCANIA	DC13 072 A 02 12	403	365	12,7	6, in line	Electronic	EMSA	EGK315-320N	440	827
E SC ST 0440	440	352	400	320	SCANIA	DC13 072 A 02 12	403	365	12,7	6, in line	Electronic	STAMFORD	S4L1D-F	465	827
E SC EM 0500	500	400	450	360	SCANIA	DC13 072 A 02 13	438	403	12,7	6, in line	Electronic	EMSA	EGK315-400N	550	827
E SC ST 0500	500	400	450	360	SCANIA	DC13 072 A 02 13	438	403	12,7	6, in line	Electronic	STAMFORD	S4L1D-G	500	827
E SC EM 0550	550	440	500	400	SCANIA	DC13 072 A 02 14	480	438	12,7	6, in line	Electronic	EMSA	EGK315-400N	550	827
E SC ST 0550	550	440	500	400	SCANIA	DC13 072 A 02 14	480	438	12,7	6, in line	Electronic	STAMFORD	HCI544D	590	827
E SC EM 0660	660	528	610	488	SCANIA	DC16 093A 02 53	582	529	16,4	8 V	Electronic	EMSA	EGK355-470N	660	1041
E SC ST 0660	660	528	610	488	SCANIA	DC16 093A 02 53	582	529	16,4	8 V	Electronic	STAMFORD	HCI544E	665	1041
E SC EM 0700	700	560	635	508	SCANIA	DC16 093A 02 54	614	558	16,4	8 V	Electronic	EMSA	EGK355-550N	715	1041
E SC ST 0700	700	560	635	508	SCANIA	DC16 093A 02 54	614	558	16,4	8 V	Electronic	STAMFORD	HCI544F	738	1041
E SC EM 0715	715	572	650	520	SCANIA	DC16 072A 02 12	634	578	16,4	8 V	Electronic	EMSA	EGK355-550N	715	1041
E SC ST 0715	715	572	650	520	SCANIA	DC16 072A 02 12	634	578	16,4	8 V	Electronic	STAMFORD	HCI544F	738	1041
E SC EM 0770	770	616	700	560	SCANIA	DC16 072A 02 13	680	621	16,4	8 V	Electronic	EMSA	EGK355-600N	850	1041
E SC ST 0770	770	616	700	560	SCANIA	DC16 072A 02 13	680	621	16,4	8 V	Electronic	STAMFORD	HCI634G	860	1041

Standby Rating for a standby engine should be sized for a maximum of 70% average load factor and roughly 200 hours per year. Standby power ratings should never be applied except in true emergency outage situations. With standby rated generators there is no overload capability built into the units.

Prime Power is the maximum power accessible at the variable load for an unlimited number of hours per year in a variable load setting. It is not advisable that the variable load exceed 70% average of the prime power rating during any operational period. If the engine is running at 100% prime power, yearly hours should not exceed 500. Overload situations should be avoided however a 10% overload capability is available for a 1 hour period within a 12 hour cycle of operation.

Continuous Power is used in applications where supplying power is at a constant %100 load for an unlimited number of hours each year. Continuous power rated units are most widely used in applications where the power grid is unreachable.



YANGDONG Series 50 Hz., 3 phase, 400 / 230V Diesel Generator Sets

GENSET SPECIFICATIONS					ENGINE SPECIFICATIONS							ALTERNATOR SPECIFICATIONS			FUEL TANK CAPACITY (LT)
MODEL	GENSET POWER				BRAND	MODEL	GENSET POWER		DISPLACEMENT (lt)	NUMBER OF CYLINDERS	GOVERNOR TYPE	BRAND	MODEL	POWER (KVA)	
	STAND BY	PRIME					STAND BY	PRIME							
	kVA	kW				kW	kW								
E YD EM 0011	11	9	10	8	YANGDONG	YD380D	11	10	1,357	3, in line	M / E	EMSA	EGK160-10N2	15	82
E YD ST 0011	11	9	10	8	YANGDONG	YD380D	11	10	1,357	3, in line	M / E	STAMFORD	S0L1-H1	11	82
E YD EM 0013	13	10	11	9	YANGDONG	YD385D	12	11	1,532	3, in line	Mechanic	EMSA	EGK160-10N2	15	82
E YD ST 0013	13	10	11	9	YANGDONG	YD385D	12	11	1,532	3, in line	Mechanic	STAMFORD	S0L1-P1	11	82
E YD EM 0017	17	14	15	12	YANGDONG	YD480D	15	14	1,809	4, in line	Electronic	EMSA	EGK160-16N2	23	82
E YD ST 0017	17	14	15	12	YANGDONG	YD480D	15	14	1,809	4, in line	Electronic	STAMFORD	S0L1-P1	11	82
E YD EM 0022	22	18	20	16	YANGDONG	YND485D	19	17	2,156	4, in line	Electronic	EMSA	EGK160-16N2	23	82
E YD ST 0022	22	18	20	16	YANGDONG	YND485D	19	17	2,156	4, in line	Electronic	STAMFORD	S0L2-G1	22	82
E YD EM 0030	30	24	27	22	YANGDONG	Y490D	26,4	24	2,67	4, in line	Electronic	EMSA	EGK180-20N2	30	82
E YD ST 0030	30	24	27	22	YANGDONG	Y490D	26,4	24	2,67	4, in line	Electronic	STAMFORD	S0L2-P	33	82
E YD EM 0040	40	32	36	29	YANGDONG	Y4102D	36,3	33	3,875	4, in line	M / E	EMSA	EGK180-36N2	50	101
E YD ST 0040	40	32	36	29	YANGDONG	Y4102D	36,3	33	3,875	4, in line	M / E	STAMFORD	S1L2-K	44	101
E YD EM 0044	44	35	40	32	YANGDONG	Y4105D	42	38	4,087	4, in line	M / E	EMSA	EGK180-36N2	50	101
E YD ST 0044	44	35	40	32	YANGDONG	Y4105D	42	38	4,087	4, in line	M / E	STAMFORD	S1L2-K	44	101
E YD EM 0050	50	40	45	36	YANGDONG	Y4102ZLD	53	48	3,875	4, in line	M / E	EMSA	EGK180-36N2	50	101
E YD ST 0050	50	40	45	36	YANGDONG	Y4102ZLD	53	48	3,875	4, in line	M / E	STAMFORD	S1L2-N	49,5	101
E YD EM 0060	60	48	54	43	YANGDONG	Y4102ZLD	53	48	3,875	4, in line	M / E	EMSA	EGK180-40N2	72	101
E YD ST 0060	60	48	54	43	YANGDONG	Y4102ZLD	53	48	3,875	4, in line	M / E	STAMFORD	S1L2-Y	68,8	101
E YD EM 0070	70	56	65	52	YANGDONG	Y4105ZLD	61	55	4,087	4, in line	M / E	EMSA	EGK225-50N	72	139
E YD ST 0070	70	56	65	52	YANGDONG	Y4105ZLD	61	55	4,087	4, in line	M / E	STAMFORD	S1L2-Y	68,8	139
E YD EM 0080	80	64	72	58	YANGDONG	YD4EZLD	69	63	4,087	4, in line	M / E	EMSA	EGK225-70N	92	139
E YD ST 0080	80	64	72	58	YANGDONG	YD4EZLD	69	63	4,087	4, in line	M / E	STAMFORD	UCI224G	90,8	139
E YD EM 0110	110	88	100	80	YANGDONG	LR4N5LP-D	100	92	5,32	4, in line	Electronic	EMSA	EGK225-80N	112	139
E YD ST 0110	110	88	100	80	YANGDONG	LR4N5LP-D	100	92	5,32	4, in line	Electronic	STAMFORD	UCI274C	110	139

Standby Rating for a standby engine should be sized for a maximum of 70% average load factor and roughly 200 hours per year. Standby power ratings should never be applied except in true emergency outage situations. With standby rated generators there is no overload capability built into the units.

Prime Power is the maximum power accessible at the variable load for an unlimited number of hours per year in a variable load setting. It is not advisable that the variable load exceed 70% average of the prime power rating during any operational period. If the engine is running at 100% prime power, yearly hours should not exceed 500. Overload situations should be avoided however a 10% overload capability is available for a 1 hour period within a 12 hour cycle of operation.

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YANGDONG 50 Hz., 1 phase, 220V Diesel Generator Sets

GENSET SPECIFICATIONS					ENGINE SPECIFICATIONS							ALTERNATOR SPECIFICATIONS			FUEL TANK CAPACITY (LT)
MODEL	GENSET POWER COS PHI 0,8/1				BRAND	MODEL	GENSET POWER		DISPLACEMENT (lt)	NUMBER OF CYLINDERS	GOVERNOR TYPE	BRAND	MODEL	POWER (KVA) COS PHI 0,8/1	
	STAND BY	PRIME					STAND BY	PRIME							
	kVA	kW				kW	kW								
E YD EM 0011/M	11/8,8	8,8/8,8	10/8	8/8	YANG DONG	YD380D	11	10	1,357	3, in line	M / E	EMSA	EGK160-16N2	14/11	82
E YD EM 0013/M	13/10,4	10,4/10,4	11/9,5	8,8/9,5	YANG DONG	YD385D	12	11	1,532	3, in line	Mechanic	EMSA	EGK160-16N2	14/11	82
E YD EM 0017/M	16,9/13,5	13,5/13,5	15/12,3	12/12,3	YANG DONG	YD480D	15,4	14	1,809	4, in line	M / E	EMSA	EGK180-20N2	17/14	82
E YD EM 0022/M	22/17,6	17,6/17,6	20/16	16/16	YANG DONG	YND485D	18,7	17	2,156	4, in line	Electronic	EMSA	EGK180-36N2	29/23	82
E YD EM 0029/M	28,8/23	23/23	26,1/20,9	20,9/20,9	YANG DONG	YSD490D	27	24,5	2,54	4, in line	Mechanic	EMSA	EGK180-36N2	29/23	101
E YD EM 0030/M	30/24	24/24	27/21,8	21,8/21,8	YANG DONG	YSD490D	27	24,5	2,54	4, in line	Mechanic	EMSA	EGK225-50N	43/34	101
E YD EM 0035/M	35/28	28/28	32/25,5	25,5/25,5	YANG DONG	Y495D	29,7	27	2,977	4, in line	M / E	EMSA	EGK225-50N	43/34	101
E YD EM 0040/M	40/32	32/32	36/29,1	29,1/29,1	YANG DONG	Y4100D	33	30	3,707	4, in line	M / E	EMSA	EGK225-50N	43/34	101
E YD EM 0043/M	42,5/34	34/34	38,6/30,9	30,9/30,9	YANG DONG	Y4102D	36,3	33	3,875	4, in line	M / E	EMSA	EGK225-50N	43/34	101
E YD EM 0044/M	44/35,2	35,2/35,2	40/32	32/32	YANG DONG	Y4102D	36,3	33	3,875	4, in line	M / E	EMSA	EGK225-70N	54/43	101
E YD EM 0050/M	50/40	40/40	45/36,4	36/36,4	YANG DONG	Y4105D	41,8	38	4,087	4, in line	M / E	EMSA	EGK225-70N	54/43	101
E YD EM 0054/M	53,8/43	43/43	48,9/39,1	39,1/39,1	YANG DONG	Y4102ZLD	52,8	48	3,875	4, in line	M / E	EMSA	EGK225-70N	54/43	101
E YD EM 0060/M	60/48	48/48	54/43,6	43,2/43,6	YANG DONG	Y4102ZLD	52,8	48	3,875	4, in line	M / E	EMSA	EGK225-80N	68/54	101
E YD EM 0068/M	67,5/54	54/54	61,4/49,1	49,1/49,1	YANG DONG	Y4105ZLD	63	57	4,087	4, in line	M / E	EMSA	EGK225-80N	68/54	139
E YD EM 0070/M	70/56	56/56	65/50,9	52/50,9	YANG DONG	Y4105ZLD	63	57	4,087	4, in line	M / E	EMSA	EGK225-120N	95/76	139

Standby Rating for a standby engine should be sized for a maximum of 70% average load factor and roughly 200 hours per year. Standby power ratings should never be applied except in true emergency outage situations. With standby rated generators there is no overload capability built into the units.

Prime Power is the maximum power accessible at the variable load for an unlimited number of hours per year in a variable load setting. It is not advisable that the variable load exceed 70% average of the prime power rating during any operational period. If the engine is running at 100% prime power, yearly hours should not exceed 500. Overload situations should be avoided however a 10% overload capability is available for a 1 hour period within a 12 hour cycle of operation.

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SDEC Series 50 Hz., 3 phase, 400 / 230V Diesel Generator Sets

GENSET SPECIFICATIONS					ENGINE SPECIFICATIONS							ALTERNATOR SPECIFICATIONS			FUEL TANK CAPACITY (LT)
MODEL	GENSET POWER				BRAND	MODEL	GENSET POWER		DISPLACEMENT (lt)	NUMBER OF CYLINDERS	GOVERNOR TYPE	BRAND	MODEL	POWER (KVA)	
	STAND BY	PRIME					STAND BY	PRIME							
	kVA	kW	kVA	kW			kW	kW							
E SD EM 0100	100	80	90	72	SDEC	SC4H95D2	68	62	4,3	4, in line	Electronic	EMSA	EGK225-80N	112	139
E SD ST 0100	100	80	90	72	SDEC	SC4H95D2	68	62	4,3	4, in line	Electronic	STAMFORD	UCI274C	110	139
E SD ST 0110	110	88	100	80	SDEC	SC4H115D2	86	82	4,3	4, in line	Electronic	STAMFORD	UCI274C	110	139
E SD EM 0112	112	90	105	84	SDEC	SC4H115D2	86	82	4,3	4, in line	Electronic	EMSA	EGK225-80N	112	139
E SD EM 0135	135	108	125	100	SDEC	SC4H160D2	116	110	4,3	4, in line	Electronic	EMSA	EGK225-120N	154	275
E SD ST 0135	135	108	125	100	SDEC	SC4H160D2	116	110	4,3	4, in line	Electronic	STAMFORD	UCI274E	150	275
E SD EM 0165	165	132	150	120	SDEC	SC4H180D2	132	126	4,3	4, in line	Electronic	EMSA	EGK280-150N	167	275
E SD ST 0165	165	132	150	120	SDEC	SC4H180D2	132	126	4,3	4, in line	Electronic	STAMFORD	UCI274F	175	275
E SD EM 0200	200	160	185	148	SDEC	SC7H230D2	170	154	6,44	6, in line	Electronic	EMSA	EGK280-165N	200	275
E SD ST 0200	200	160	185	148	SDEC	SC7H230D2	170	154	6,44	6, in line	Electronic	STAMFORD	UCI274G	200	275
E SD EM 0220	220	176	200	160	SDEC	SC7H250D2	185	168	6,44	6, in line	Electronic	EMSA	EGK280-170N	220	415
E SD ST 0220	220	176	200	160	SDEC	SC7H250D2	185	168	6,44	6, in line	Electronic	STAMFORD	UCI274H	220	415
E SD EM 0250	250	200	225	180	SDEC	SC9D280D2	204	185	8,27	6, in line	Electronic	EMSA	EGK280-220N	286	415
E SD ST 0250	250	200	225	180	SDEC	SC9D280D2	204	185	8,27	6, in line	Electronic	STAMFORD	UCDI274K	275	415
E SD EM 0275	275	220	250	200	SDEC	SC9D310D2	228	207	8,82	6, in line	Electronic	EMSA	EGK280-220N	286	415
E SD ST 0275	275	220	250	200	SDEC	SC9D310D2	228	207	8,82	6, in line	Electronic	STAMFORD	UCDI274K	275	415
E SD EM 0290	290	232	275	220	SDEC	SC9D340D2	255	232	8,82	6, in line	Electronic	EMSA	EGK280-220N	286	415
E SD ST 0290	290	232	275	220	SDEC	SC9D340D2	255	232	8,82	6, in line	Electronic	STAMFORD	S4L1D-D	340	415
E SD EM 0330	330	264	300	240	SDEC	SC10E380D2	280	255	11,8	6, in line	Electronic	EMSA	EGK280-250N	330	812
E SD ST 0330	330	264	300	240	SDEC	SC10E380D2	280	255	11,8	6, in line	Electronic	STAMFORD	S4L1D-D	340	812
E SD EM 0360	360	288	330	264	SDEC	SC12E420D2	308	280	11,8	6, in line	Electronic	EMSA	EGK280-260N	360	812
E SD ST 0360	360	288	330	264	SDEC	SC12E420D2	308	280	11,8	6, in line	Electronic	STAMFORD	S4L1D-E	415	812
E SD EM 0400	400	320	365	292	SDEC	SC12E460D2	338	307	11,8	6, in line	Electronic	EMSA	EGK315-290N	400	812
E SD ST 0400	400	320	365	292	SDEC	SC12E460D2	338	307	11,8	6, in line	Electronic	STAMFORD	S4L1D-E	415	812
E SD EM 0440	440	352	400	320	SDEC	SC15G500D2	363	330	14,16	6, in line	Electronic	EMSA	EGK315-320N	440	812
E SD ST 0440	440	352	400	320	SDEC	SC15G500D2	363	330	14,16	6, in line	Electronic	STAMFORD	S4L1D-F	465	812
E SD EM 0550	550	440	500	400	SDEC	SC25G610D2	445	405	25,8	12 V	Electronic	EMSA	EGK315-400N	550	1263
E SD ST 0550	550	440	500	400	SDEC	SC25G610D2	445	405	25,8	12 V	Electronic	STAMFORD	HCI544D	590	1263
E SD EM 0600	600	480	550	440	SDEC	SC25G690D2	505	459	25,8	12 V	Electronic	EMSA	EGK355-470N	660	1263
E SD ST 0600	600	480	550	440	SDEC	SC25G690D2	505	459	25,8	12 V	Electronic	STAMFORD	HCI544E	665	1263
E SD EM 0660	660	528	600	480	SDEC	SC27G755D2	555	505	26,6	12 V	Electronic	EMSA	EGK355-470N	660	1263
E SD ST 0660	660	528	600	480	SDEC	SC27G755D2	555	505	26,6	12 V	Electronic	STAMFORD	HCI544E	665	1263
E SD EM 0715	715	572	650	520	SDEC	SC27G830D2	610	555	26,6	12 V	Electronic	EMSA	EGK355-550N	715	1263
E SD ST 0715	715	572	650	520	SDEC	SC27G830D2	610	555	26,6	12 V	Electronic	STAMFORD	HCI544F	738	1263
E SD EM 0800	800	640	725	580	SDEC	SC27G900D2	662	602	26,6	12 V	Electronic	EMSA	EGK355-600N	850	1263
E SD ST 0800	800	640	725	580	SDEC	SC27G900D2	662	602	26,6	12 V	Electronic	STAMFORD	HCI634G	860	1263
E SD EM 0850	850	680	785	628	SDEC	SC33W990D2	726	660	32,8	6, in line	Electronic	EMSA	EGK355-600N	850	1410
E SD ST 0850	850	680	785	628	SDEC	SC33W990D2	726	660	32,8	6, in line	Electronic	STAMFORD	HCI634G	860	1410
E SD EM 1010	1010	808	910	728	SDEC	SC33W1150D2	860	782	32,8	6, in line	Electronic	EMSA	EGK400-800N	1125	1410
E SD ST 1010	1010	808	910	728	SDEC	SC33W1150D2	860	782	32,8	6, in line	Electronic	STAMFORD	HCI634H	1010	1410
E SD EM 1100	1100	880	1000	800	SDEC	6WTAA35-G31	970	882	35,1	6, in line	Electronic	EMSA	EGK400-800N	1125	1560
E SD ST 1100	1100	880	1000	800	SDEC	6WTAA35-G31	970	882	35,1	6, in line	Electronic	STAMFORD	HCI634J	1110	1560

Standby Rating for a standby engine should be sized for a maximum of 70% average load factor and roughly 200 hours per year. Standby power ratings should never be applied except in true emergency outage situations. With standby rated generators there is no overload capability built into the units.

Prime Power is the maximum power accessible at the variable load for an unlimited number of hours per year in a variable load setting. It is not advisable that the variable load exceed 70% average of the prime power rating during any operational period. If the engine is running at 100% prime power, yearly hours should not exceed 500. Overload situations should be avoided however a 10% overload capability is available for a 1 hour period within a 12 hour cycle of operation.

Continuous Power is used in applications where supplying power is at a constant %100 load for an unlimited number of hours each year. Continuous power rated units are most widely used in applications where the power grid is unreachable.





KOFO Series 50 Hz., 3 phase, 400 / 230V Diesel Generator Sets

GENSET SPECIFICATIONS					ENGINE SPECIFICATIONS							ALTERNATOR SPECIFICATIONS			FUEL TANK CAPACITY (LT)
MODEL	GENSET POWER				BRAND	MODEL	GENSET POWER		DISPLACEMENT (lt)	NUMBER OF CYLINDERS	GOVERNOR TYPE	BRAND	MODEL	POWER (KVA)	
	STAND BY	PRIME					STAND BY	PRIME							
	kVA	kW	kVA	kW			kW	kW							
ERC EM 0035	35	28	32	26	KOFO	K4100DS	33	30	3,61	4, in line	Electronic	EMSA	EGK180-24N2	35	101
ERC ST 0035	35	28	32	26	KOFO	K4100DS	33	30	3,61	4, in line	Electronic	STAMFORD	S1L2-K	44	101
ERC EM 0050	50	40	45	36	KOFO	N4100ZDS	47	42	3,61	4, in line	Electronic	EMSA	EGK180-36N2	50	101
ERC ST 0050	50	40	45	36	KOFO	N4100ZDS	47	42	3,61	4, in line	Electronic	STAMFORD	S1L2-N	49,5	101
ERC EM 0070	70	56	65	52	KOFO	N4105ZDS	62	56	4,15	4, in line	Electronic	EMSA	EGK225-50N	72	139
ERC ST 0070	70	56	65	52	KOFO	N4105ZDS	62	56	4,15	4, in line	Electronic	STAMFORD	S1L2-Y	68,8	139
ERC EM 0082	82	66	75	60	KOFO	N4105ZLDS	73	66	4,15	4, in line	Electronic	EMSA	EGK225-70N	92	139
ERC ST 0082	82	66	75	60	KOFO	N4105ZLDS	73	66	4,15	4, in line	Electronic	STAMFORD	UCI224G	90,8	139
ERC EM 0094	94	75	85	68	KOFO	4RT55-88DE	80	72	4,67	4, in line	Electronic	EMSA	EGK225-70N	92	139
ERC ST 0094	94	75	85	68	KOFO	4RT55-88DE	80	72	4,67	4, in line	Electronic	STAMFORD	UCI274C	110	139
ERC EM 0110	110	88	100	80	KOFO	R6105ZDS	93	84	6,49	6, in line	Electronic	EMSA	EGK225-80N	112	275
ERC ST 0110	110	88	100	80	KOFO	R6105ZDS	93	84	6,49	6, in line	Electronic	STAMFORD	UCI274C	110	275
ERC EM 0125	125	100	114	91	KOFO	R6105ZLDS	111	100	6,49	6, in line	Electronic	EMSA	EGK225-120N	154	275
ERC ST 0125	125	100	114	91	KOFO	R6105ZLDS	111	100	6,49	6, in line	Electronic	STAMFORD	UCI274E	150	275
ERC EM 0150	150	120	136	109	KOFO	R6105AZLDS	134	121	6,75	6, in line	Electronic	EMSA	EGK225-120N	154	275
ERC ST 0150	150	120	136	109	KOFO	R6105AZLDS	134	121	6,75	6, in line	Electronic	STAMFORD	UCI274E	150	275
ERC EM 0165	165	132	150	120	KOFO	R6105BZLDS	147	132	7,01	6, in line	Electronic	EMSA	EGK280-150N	167	275
ERC ST 0165	165	132	150	120	KOFO	R6105BZLDS	147	132	7,01	6, in line	Electronic	STAMFORD	UCI274F	175	275
ERC EM 0200	200	160	180	144	KOFO	6RT80-176DE	172	155	7,69	6, in line	Electronic	EMSA	EGK280-165N	200	275
ERC ST 0200	200	160	180	144	KOFO	6RT80-176DE	172	155	7,69	6, in line	Electronic	STAMFORD	UCI274G	200	275

Standby Rating for a standby engine should be sized for a maximum of 70% average load factor and roughly 200 hours per year. Standby power ratings should never be applied except in true emergency outage situations. With standby rated generators there is no overload capability built into the units.

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Continuous Power is used in applications where supplying power is at a constant %100 load for an unlimited number of hours each year. Continuous power rated units are most widely used in applications where the power grid is unreachable.



KOFO Series 50 Hz., 1 phase, 220V Diesel Generator Sets

GENSET SPECIFICATIONS					ENGINE SPECIFICATIONS							ALTERNATOR SPECIFICATIONS			FUEL TANK CAPACITY (LT)
MODEL	GENSET POWER COS PHI 0,8/1				BRAND	MODEL	GENSET POWER		DISPLACEMENT (lt)	NUMBER OF CYLINDERS	GOVERNOR TYPE	BRAND	MODEL	POWER (KVA) COS PHI 0,8/1	
	STAND BY	PRIME					STAND BY	PRIME							
	kVA	kW	kVA	kW			kW	kW							
ERC EM 0035/M	35/28	28/28	32/25,5	25,5/25,5	KOFO	K4100DS	33,3	30	3,61	4, in line	Electronic	EMSA	EGK225-50N	43/34	101
ERC EM 0050/M	50/40	40/40	45/36,4	36/36,4	KOFO	K4100ZDS	46,7	42	3,61	4, in line	Electronic	EMSA	EGK225-70N	54/43	101
ERC EM 0068/M	67,5/54	54/54	61,4/49,1	49,1/49,1	KOFO	N4105ZDS	62,2	56	4,15	4, in line	Electronic	EMSA	EGK225-80N	68/54	139
ERC EM 0070/M	70/56	56/56	65/50,9	52/50,9	KOFO	N4105ZDS	62,2	56	4,15	4, in line	Electronic	EMSA	EGK225-120N	95/76	139

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GENSET SPECIFICATIONS					ENGINE SPECIFICATIONS							ALTERNATOR SPECIFICATIONS			FUEL TANK CAPACITY (LT)
MODEL	GENSET POWER				BRAND	MODEL	GENSET POWER		DISPLACEMENT (lt)	NUMBER OF CYLINDERS	GOVERNOR TYPE	BRAND	MODEL	POWER (KVA)	
	STAND BY	PRIME	STAND BY	PRIME											
	kVA	kW	kVA	kW			kW	kW							
ETW DT EM 0880	880	704	800	640	Deutz	BF6M1015CP-LAG	314	299	11,91	6 V	Electronic	Emsa	EGK315-320N	440/	1540
ETW SD EM 0880	880	704	800	640	Sdec	SC15G500D2	363	330	14,16	6, in line	Electronic	Emsa	EGK315-320N	440/	1760
ETW IV EM 0880	880	704	800	640	Iveco	CURS0R13TE3A	387	352	12,88	6, in line	Electronic	Emsa	EGK315-320N	440/	1760
ETW IV ST 0880	880	704	800	640	Iveco	CURS0R13TE3A	387	352	12,88	6, in line	Electronic	Stamford	S4L1D-F	465/	1760
ETW PR EM 0880	880	704	800	640	Perkins	2206A-E13TAG3	392	349	12,5	6, in line	Electronic	Emsa	EGK315-320N	440/	1960
ETW PR ST 0880	880	704	800	640	Perkins	2206A-E13TAG3	392	349	12,5	6, in line	Electronic	Stamford	S4L1D-F	465/	1960
ETW BD EM 0880	880	704	800	640	Baudouin	6M21G440/5	405	368	12,54	6, in line	Electronic	Emsa	EGK315-320N	440/	1760
ETW BD ST 0880	880	704	800	640	Baudouin	6M21G440/5	405	368	12,54	6, in line	Electronic	Stamford	S4L1D-F	465/	1760
ETW PR EM 1000	1000	800	909	727	Perkins	2506A-E15TAG1	435	396	15,2	6, in line	Electronic	Emsa	EGK315-400N	550/	1960
ETW PR ST 1000	1000	800	909	727	Perkins	2506A-E15TAG1	435	396	15,2	6, in line	Electronic	Stamford	S4L1D-G	500/	1960
ETW BD EM 1000	1000	800	909	727	Baudouin	6M21G500/5	450	409	12,54	6, in line	ECU / Electronic	Emsa	EGK315-400N	550/	2544
ETW BD ST 1000	1000	800	909	727	Baudouin	6M21G500/5	450	409	12,54	6, in line	ECU / Electronic	Stamford	S4L1D-G	500/	2544
ETW DT EM 1100	1100	880	1000	800	Deutz	BF8M1015CP-LA G2	440	416	15,874	8 V	Electronic	Emsa	EGK315-400N	550/	2082
ETW SD EM 1100	1100	880	1000	800	Sdec	SC25G610D2	445	405	25,8	12 V	Electronic	Emsa	EGK315-400N	550/	2544
ETW IV EM 1100	1100	880	1000	800	Iveco	CURS0R13TE7W	459	440	12,9	6, in line	Electronic	Emsa	EGK315-400N	550/	1760
ETW IV ST 1100	1100	880	1000	800	Iveco	CURS0R13TE7W	459	440	12,9	6, in line	Electronic	Stamford	HCI544D	590/	1760
ETW PR EM 1100	1100	880	1000	800	Perkins	2506A-E15TAG2	478	435	15,2	6, in line	Electronic	Emsa	EGK315-400N	550/	1960
ETW PR ST 1100	1100	880	1000	800	Perkins	2506A-E15TAG2	478	435	15,2	6, in line	Electronic	Stamford	HCI544D	590/	1960
ETW BD EM 1100	1100	880	1000	800	Baudouin	6M26G550/5	490	448	15,9	6, in line	Electronic	Emsa	EGK315-400N	550/	2544
ETW BD ST 1100	1100	880	1000	800	Baudouin	6M26G550/5	490	448	15,9	6, in line	Electronic	Stamford	HCI544D	590/	2544
ETW SD EM 1200	1200	960	1091	873	Sdec	SC25G690D2	505	459	25,8	12 V	Electronic	Emsa	EGK355-470N	660/	2544
ETW DT EM 1260	1260	1008	1145	916	Deutz	BF8M1015CP-LA G4	540	504	15,874	8 V	Electronic	Emsa	EGK355-470N	660/	2082
ETW PR EM 1300	1300	1040	1182	945	Perkins	2806A-E18TAG1A	574	522	18,1	6, in line	Electronic	Emsa	EGK355-470N	660/	1960
ETW SD EM 1320	1320	1056	1200	960	Sdec	SC27G755D2	555	505	26,6	12 V	Electronic	Emsa	EGK355-470N	660/	2544
ETW IV EM 1320	1320	1056	1200	960	Iveco	CURS0R16TE1W	559	528	15,9	6, in line	Electronic	Emsa	EGK355-470N	660/	1760
ETW IV ST 1320	1320	1056	1200	960	Iveco	CURS0R16TE1W	559	528	15,9	6, in line	Electronic	Stamford	HCI544E	665/	1760
ETW PR ST 1320	1320	1056	1200	960	Perkins	2806A-E18TAG1A	574	522	18,1	6, in line	Electronic	Stamford	HCI544E	665/	1960
ETW BD EM 1320	1320	1056	1200	960	Baudouin	6M33G660/5	587	536	19,6	6, in line	Electronic	Emsa	EGK355-470N	660/	2280
ETW BD ST 1320	1320	1056	1200	960	Baudouin	6M33G660/5	587	536	19,6	6, in line	Electronic	Stamford	HCI544E	665/	2280
ETW DT EM 1400	1400	1120	1273	1018	Deutz	BF8M1015CP-LA G5	560	560	15,874	8 V	Electronic	Emsa	EGK355-550N	715/	2082
ETW PR EM 1400	1400	1120	1273	1018	Perkins	2806A-E18TAG2	609	565	18,1	6, in line	Electronic	Emsa	EGK355-550N	715/	1960
ETW PR ST 1400	1400	1120	1273	1018	Perkins	2806A-E18TAG2	609	565	18,1	6, in line	Electronic	Stamford	HCI544F	738/	1960
ETW SD EM 1430	1430	1144	1300	1040	Sdec	SC27G830D2	610	555	26,6	12 V	Electronic	Emsa	EGK355-550N	715/	2544

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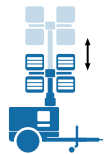
LIGHT TOWER



- Canopy with 2000-hour salt spray test
- Standard automatic 340° light rotating system
- 80 km speed wind durability
- 6 or 4x1000watt metal halide lamp option
- Hydraulic/Mechanical/Pneumatic tower option
- Hydraulic/Mechanical stabiliser option
- LED lamp option
- Special color option
- Single or double axle trailer option

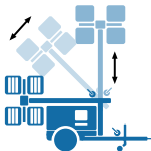
SPECIFICATIONS AND OPTIONS

HYDRAULIC/PNEUMATIC MAST



Mast movement of the light tower is guided with the help of hydraulic piston and pump or pneumatic and compressor power. The movements can be easily controlled with a joystick on the control panel.

MECHANICAL MAST



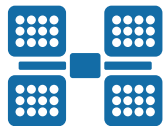
Mast movement of the light tower is guided with the help of a mechanical crane. Mechanical crane is used for bringing the mast to a horizontal position. This option occupies less space in terms of height than the hydraulic mast.

METAL HALIDE LIGHTING SET



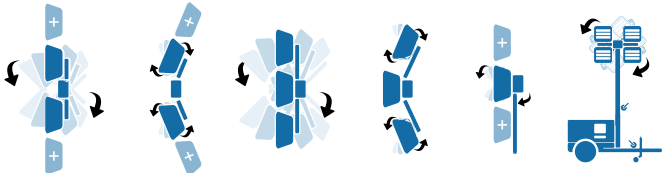
Lamps inside the fixture are manufactured as metal halide. Luminescence capacity is high. The fixture should be heated for full capacity.

LED LIGHTING SET (OPTIONAL)

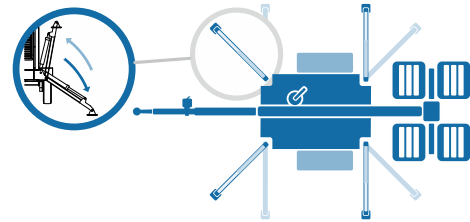


Lamps inside the fixture are manufactured as LED. Luminescence capacity is high. It has low energy consumption.

LIGHTING SET MOBILITY CAPABILITY

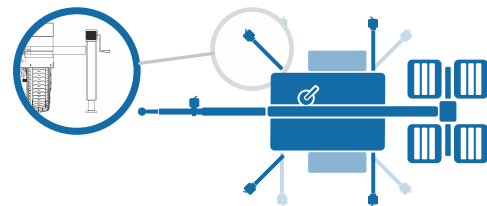


Fixtures can be guided by using the joystick on the command panel with electric engines. Movement is possible for the vertical and horizontal axis. Also, each fixture can be manually adjusted around its own axis.



This is a hydraulic piston and pump-driven stabiliser system to use the illumination set on uneven surfaces. Generally, 4 stabiliser are used for positioning. The number of fasteners might change depending on the need.

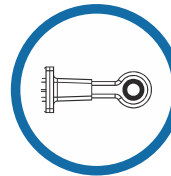
MECHANICAL STABILISER



This is a mechanical lever jack stabiliser system to use the illumination set on uneven surfaces. Generally, 4 stabilisers are used for positioning. The number of fasteners might change depending on the need.

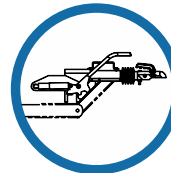
TRAILER AND BRAKING SYSTEMS

TOW



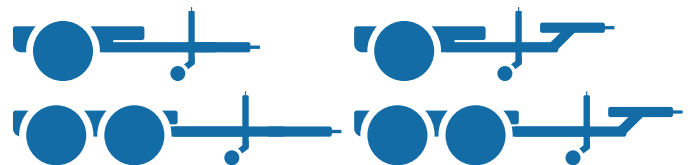
Ring type trailer tongue can be manufactured for coupling or special standards (ex. NATO).

TOWING EYE SET (OPTIONAL)



Trailer tongue systems can be manufactured fixed or adjustable. There are options with and without braking system.

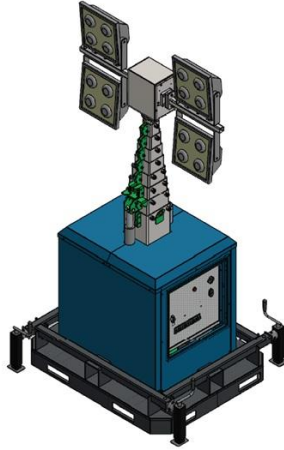
Axle positioning can be adjusted for the load and customer demand. Generally, single axle is ideal for load distribution. But other options are possible depending on the need. Adjustable trailer towing eye set might provide an advantage to use with different vehicles.



TECHNICAL SPECIFICATIONS

MODEL		LT-0010-PE	LT-0010-PS	LT-0015-PE	LT-0015-PS	LT-0017-YE	LT-0022-PE	LT-0022-PS	LT-0022-YE
LIGHT TOWER	POWER kW (kVA)	8 (10)		12 (15)		13,5(17)	17,5 (22)		17,5 (22)
	VOLTAGE (V)	231/400 V		231/400 V		231/400 V	231/400 V		231/400 V
	LIGHTING TYPE	METAL HALIDE / LED		METAL HALIDE / LED		METAL HALIDE / LED	METAL HALIDE / LED		METAL HALIDE / LED
	LIGHT FLUX (lm) (PER UNIT)	85.000 / 32.500		85.000 / 32.500		85.000 / 32.500	85.000 / 32.500		85.000 / 32.500
	LAMP POWER (PER UNIT)	1000 W / 240W		1000 W / 240W		1000 W / 240W	1000 W / 240W		1000 W / 240W
	LAMP QUANTITY	4 / 6		4 / 6		4 / 6	4 / 6		4 / 6
	ROTATION CAPACITY	340°		340°		340°	340°		340°
	LIFTING SYSTEM	HYDRAULIC / MECHANIC		HYDRAULIC / MECHANIC		HYDRAULIC / MECHANIC	HYDRAULIC / MECHANIC		HYDRAULIC / MECHANIC
	FUEL TANK CAPACITY (LT)	45 (MEC) / 105 (HYD)		45 (MEC) / 105 (HYD)		45 (MEC) / 105 (HYD)	45 (MEC) / 105 (HYD)		45 (MEC) / 105 (HYD)
	WIND SPEED	80 km/h		80 km/h		80 km/h	80 km/h		80 km/h
DIESEL ENGINE	BRAND	PERKINS		PERKINS		YANGDONG	PERKINS		YANGDONG
	MODEL	403A-11 G1		403A-15 G1		Y480D	404A-22 G1		YND485D
	TYPE	DIESEL, WATER COOLED		DIESEL, WATER COOLED		DIESEL, WATER COOLED	DIESEL, WATER COOLED		DIESEL, WATER COOLED
	SPEED (rpm)	1500		1500		1500	1500		1500
	NUMBER OF CYLINDERS	3		3		4	4		4
	FUEL CONSUMPTION (lt/h)	3,6		4,1		3,5	6,1		6,5
ALTERNATOR	BRAND	EMSA	STAMFORD	EMSA	STAMFORD	EMSA	EMSA	STAMFORD	EMSA
	MODEL	EGK160-8N2	S0L1-H	EGK160-10N2	S0L1-P	EGK160-12N2	EGK160-16N2	N20G4	EGK160-16N2
	FREQUENCY (HZ)	50		50		50	50		50
	TYPE	BRUSHLESS		BRUSHLESS		BRUSHLESS	BRUSHLESS		BRUSHLESS
ELECTRICAL	CONTROLLER	SMART-200		SMART-200		SMART-200	SMART-200		SMART-200
	POWER INLET PLUG (CEE)	3PH 16A IP67		3PH 32A IP67		3PH 32A IP67	3PH 32A IP67		3PH 32A IP67
	POWER OUTLET PLUG (CEE)	1PH 16A IP67		1PH 32A IP67		1PH 32A IP67	1PH 32A IP67		1PH 32A IP67
	CIRCUIT BREAKER (MCB)	ABB - 3PH 16A		ABB - 3PH 25A		ABB - 3PH 25A	ABB - 3PH 32A		ABB - 3PH 32A
TRAILER	AXLE	1 UNIT / TORSION		1 UNIT / TORSION		1 UNIT / TORSION	1 UNIT / TORSION		1 UNIT / TORSION
	PARK BRAKE	YES		YES		YES	YES		YES
	TYRE'S	2 x R13		2 x R13		2 x R13	2 x R14		2 x R14
LIGHT TOWER DIMENSIONS	MAX. TOWER HEIGHT (mm)	8000 (MEC) / 9000 (HYD)		8000 (MEC) / 9000 (HYD)		8000 (MEC) / 9000 (HYD)	8000 (MEC) / 9000 (HYD)		8000 (MEC) / 9000 (HYD)
	LENGTH (mm)	4160 (MEC) / 3050 (HYD)		4160 (MEC) / 3050 (HYD)		4160 (MEC) / 3050 (HYD)	4180 (MEC) / 3050 (HYD)		4180 (MEC) / 3050 (HYD)
	WIDTH (mm)	1480		1480		1480	1580		1580
	HEIGHT (tower off) (mm)	1650 (MEC) / 2690 (HYD)		1650 (MEC) / 2690 (HYD)		1650 (MEC) / 2690 (HYD)	1760 (MEC) / 2600 (HYD)		1760 (MEC) / 2600 (HYD)

CUBE SERIES



- Standard automatic 340° light rotating system
- 6 or 4x350 Watt LED lamp product
- Mechanical/Hydraulic Tower
- Canopy with 2000-hour salt spray test
- 80 km speed wind durability
- Special color option

TECHNICAL SPECIFICATIONS

MODEL		EJ-LC001	EJ-LC002	EJ-LC003	EJ-LC004	EJ-LC005	EJ-LC006	EJ-LC007	EJ-LC008	
LIGHT TOWER	MAST HEIGHT (m)	9	9	9	9	9	9	9	9	
	LIGHTING TYPE	LED	LED	LED	LED	LED	LED	LED	LED	
	LIGHT FLUX (lm) (PER UNIT)	45.500	32.500	45.500	32.500	45.500	32.500	45.500	32.500	
	LAMP POWER (PER UNIT)	350W	250W	350W	250W	350W	250W	350W	250W	
	LAMP QUANTITY	6		4		6		4		
	ROTATION CAPACITY	340°								
	LIFTING SYSTEM	HYDRAULIC					MECHANICAL			
	WIND SPEED	80 km/h								
	LAMP CONTROLLER	4-WAY GEARBOX								
ELECTRICAL	BATTERY	1x50Ah								
	POWER INLET PLUG (CEE)	1 X 3PH 125A IP67								
	POWER OUTLET PLUG (CEE)	3 X 3PH 32A IP67								
	CHARGER	SMPS 12V 4A								
CHASSIS	MATERIAL	S235JR								
	ADJUSTABLE JACK	4								
	FORKLIFT HOLE	4 WAY								
DIMENSIONS	LENGTH (mm)	1450								
	WIDTH (mm)	1200								
	HEIGHT (tower off) (mm)	2330								