

GENERATING SET GE 55 PSX EAS - GE 55 PMSX EAS

- PERKINS water cooled diesel engine - 1500 rpm
- EP6 engine protection
- GE 55 PSX – STAMFORD three-phase synchronous alternator
- GE 55 PMSX – MARELLI three-phase synchronous alternator
- Electronic voltage regulation
- Four-pole circuit breaker
- Super silenced
- Bunded base
- Trailer (option)
- Ready for connection to automatic transfer unit
- Meets EC directives for safety and noise level



Standard Equipment	Diesel engine	Water cooling	Battery 12 V	Fuel level gauge	Engine protection	Electric Starter	[OIL] low press. shut down	[°C] high water shut down	[Hi H] over speed shut down	[FUEL] low fuel shut down	[bELt] battery charge alarm
					Rpm-meter	Hours-meter	Battery Voltmeter	Voltmeter	Frequency-meter	Remote Start	
	Synchronous alternator	Automatic Voltage Regulator	Circuit Breaker	Terminal block	3 x Ammeter	Voltmeter phase selector	Emergency stop button	Siren	Ready for EAS/TCM	Local/remote start selector	Central lifting eye

- Factory installation options**
- Electr. panel with sockets : 1x400V 63A 3P+N+T CEE-1x400V 32A 3P+N+T CEE-1x400V 16A 3P+N+T CEE-2 x 230V 16A 2P+T CEE
 - The electrical panel requires an electrical protection : ELR-Earth Leakage Relay (GFI) or Isometer (Insulation monitor)
 - Socket : 1x400V 63A 3P+N+T CEE
 - Earth Leakage Relay
 - Isometer (Insulation monitors)
 - Radio-control
 - Permanent magnet generator
 - Cold start aid
 - Gauges – water temperature and oil pressure
 - Water heater WH
 - Automatic fuel transfer pump (delivered loose)
 - Oil drain pump
 - Spark arrestor
 - Blow-by (gases oil) separator filter
 - 3-way valve fuel system with quick connection for external fuel tank supply
- Options on request**
- 400V plugs
 - 230V plugs
 - Automatic transfer unit (AMF) EAS 76-805
 - Remote control TCM35
 - Earthing kit
 - Site tow CTL45
 - Adjustable site tow CTLR45

Technical Data	GE 55 PSX EAS	GE 55 PMSX EAS
A.C GENERATION – 50 Hz	Three-phase synchronous alternator, self-excited, self-regulated, brushless	
* Stand-by three-phase power	51 kVA (40.8 kW) / 400 V / 73.6 A	
* P.R.P. three-phase power	46 kVA (36.8 kW) / 400 V / 66.4 A	
* P.R.P. single-phase power	17 kVA / 230 V / 73.9 A	
Cos φ	0.8	
Insulation class	H	
* Output power according to ISO 8528-1		
ENGINE	4-stroke diesel, turbocharged, direct injection, water cooled	
Model	PERKINS 1103C-33TG3	
* Stand-By net power	45.6 kW (62 HP)	
* P.R.P. net power	40.9 kW (55.6 HP)	
Cylinders/ Displacement	3/ 3.3 l (3300 cm ³)	
Speed	1500 rpm	
Fuel consumption (75% of P.R.P.)	8 l/h	
* Power according to ISO 3046-1		
GENERAL SPECIFICATION		
Tank capacity	102 l	
Running time (75% of P.R.P.)	13 h	
IP protection degree	IP 44	
*Dimensions LxWxh (mm)	2490x1030x1480	
*Dry weight	1200 kg	1140 kg
**Measured acoustic power LwA (pressure LpA)	90 dB(A) (65 dB(A) @ 7 m)	
**Guaranteed acoustic power LwA (pressure LpA)	91 dB(A) (66 dB(A) @ 7 m)	
* Dimensions and weight without trolley/trailer. **Acoustic power according to European Directive 2000/14/EC		

Mosa reserves the right to change this specification without notice. For further information please contact the sales department