

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	low press. shut down	high water shut down	over speed shut down	low fuel shut down	battery charge alarm
	Synchronous alternator	Automatic Voltage Regulator	Circuit Breaker	Terminal block	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		