

GENERATING SET GE 85 PSX EAS - GE 85 PMSX EAS

- PERKINS water cooled diesel engine - 1500 rpm
- Electronic governor
- EP6 engine protection
- GE 85 PSX – STAMFORD three-phase synchronous alternator
- GE 85 PMSX – MARELLI three-phase synchronous alternator
- 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 12V	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	Central lifting eye	Cold start aid

- Factory installation options**
- Electrical panel with sockets :1x400V 125A 3P+N+T CEE - 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 monitors)
 - 50/60 Hz Selector
 - Earth Leakage Relay
 - Isometer (Insulation monitors)
 - Radio-control
 - Permanent Magnet Generator
 - Volt and Hz adjustable from control panel
 - Gauges – water temperature and oil pressure
 - Water heater WH
 - Automatic fuel transfer pump
 - Fuel tank 120l
 - Fuel tank 350l
 - 3-way valve fuel system with quick connection for external fuel tank supply

- Options on request**
- 400 plugs
 - 230 plugs
 - Automatic transfer unit (AMF) EAS 111-805
 - Remote control TCM35
 - Earthing kit
 - Site tow CTL115

Technical Data

A.C GENERATION – 50 Hz	GE 85 PSX EAS	GE 85 PMSX EAS
	Three-phase synchronous alternator, self-excited, self-regulated, brushless	
* Stand-by three-phase power	88 kVA (70.4 kW) / 400 V / 127 A	
* P.R.P. three-phase power	80 kVA (64 kW) / 400 V / 115 A	
* P.R.P. single-phase power	29 kVA / 230 V / 126 A	
Cos φ	0.8	
Insulation class	H	

ENGINE

ENGINE	GE 85 PSX EAS	GE 85 PMSX EAS
	4-stroke diesel, turbocharged-air to air charge cooled , direct injection, water cooled	
Model	PERKINS 1104C-44TAG1	
* Stand-By net power	78.4 kW (106.6 HP)	
* P.R.P. net power	71.3 kW (97 HP)	
Cylinders/ Displacement	4/ 4.4 l (4400 cm ³)	
Speed	1500 rpm	
Fuel consumption (75% of P.R.P.)	14.3 l/h	

GENERAL SPECIFICATION

Tank capacity	1655 kg	230 l	1620 kg
Running time (75% of P.R.P.)		16 h	
IP protection degree		IP 44	
*Dimensions LxWxh (mm)		2740x1200x1640	
*Dry weight	1655 kg		1620 kg
**Measured acoustic power LwA (pressure LpA)		95 dB(A) (70 dB(A) @ 7 m)	
**Guaranteed acoustic power LwA (pressure LpA)		96 dB(A) (71 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