

GENERATING SET GE 85 PSX

FEATURES

- Engine protection EP6
- Automatic voltage regulator "AVR"
- Four pole circuit breaker
- Super Silenced
- Oil drain pump
- Bunded base with drain plug
- Ready for connection to automatic transfer unit
- Meets EC directives for noise and safety



The images are for reference

Standard Equipment	Diesel engine	Water cooling	Battery 12V	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	Frequenci-meter	Remote starting
	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

Options on request	• Automatic transfer unit (AMF) EAS 111-809 • Remote control TCM35	• Earthing kit	• Site tow CTL115
Factory installation options	• The electrical panel with Sockets CEE: 1x400V 125A 3P+N+T - 1x400V 63A 3P+N+T - 1x400V 32A 3P+N+T - 1x400V 16A 3P+N+T - 2x230V 16A 2P+T o 2x230V 16A 2P+T SCHUKO • The electrical panel requires an electrical protection: Electronic leakage relay or Isometer • Electronic leakage relay • Isometer • Radio control • Permanent magnet • Cold start aid	• Volt adjustable from control panel • Gauges - water temperature and oil pressure • Water heater WH • Automatic fuel transfer pump • Main battery switch	• Spark arrester • Fuel tank 120l / 350l / 420l • 3-way valve fuel system with quick connection for external fuel tank supply

Technical data

GE 85 PSX

A.C. GENERATION - 50 Hz - *Three-phase synchronous alternator, self-excited, self-regulated, brushless*

* Stand-by three-phase power	88 kVA (70.4 kW) / 400 V / 127 A
* PRP three-phase power	80 kVA (64 kW) / 400 V / 115 A
* PRP single-phase power	29 kVA / 230 V / 126 A
Cos φ	0.8
Insulation class	H

* Output powers according to ISO 8528-1

ENGINE - *4-stroke diesel turbo-aftercooler, direct injection, Water cooling*

Model	PERKINS 1104A-44TG2
* Stand-By net power	79.1 kW (107.6 HP)
* PRP net power	71.9 kW (97.8 HP)
Cylinders/ Displacement	4/ 4400 cm ³
Speed	1500 rpm.
Fuel consumption (75% of PRP)	14 l/h

* Powers according to ISO 3046-1

GENERAL SPECIFICATIONS

Tank capacity	230 l
Running time (75% of PRP)	16 h
IP protection degree	IP 44
* Dimensions LxIxH	2740x1200x1640
* Dry weight	1655 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.