

## GENERATING SET GE 65 PSX EAS - GE 65 PMSX EAS

- PERKINS water cooled diesel engine - 1500 rpm
- EP6 engine protection
- GE 65 PSX – STAMFORD three-phase synchronous alternator
- GE 65 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 12V	Fuel level gauge	Engine protection	Electric Starter	[OIL] low press. shut down	[°C] high water shut down	[Hi H] Fuel level gauge / low fuel indicator	[FUEL] low fuel Shut down	[bELt] Battery charge indicator
					Rpm-meter	Hours-meter	Battery Voltmeter	Voltmeter	Frequency-meter	Remote start	
	GS Synchronous alternator	AVR Automatic Voltage Regulator	MT Circuit Breaker	Terminal block	3 x Ammeter	Voltmeter phase selector	Emergency stop button	Siren	Ready for EAS/TCM	Interruttore Start local / Remote	Central lifting eye

- 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)
  - Socket : 1x400V 125A 3P+N+T CEE
  - ELR-Earth Leakage Relay (GFI)
  - Isometer (Insulation monitors)
  - Radio-control
  - Volt and Hz adjustable from control panel
  - Gauges – water temperature and oil pressure
  - Water heater WH
  - Automatic fuel transfer pump
  - Cold start aid
  - Blow-by (gases oil) separator filter
  - Spark arrestor
  - 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 76-805
  - Remote control TCM35
  - Earthing kit
  - Adjustable site tow CTRL35
  - Site tow CTL35

### Technical Data

A.C GENERATION – 50 Hz	GE 65 PSX EAS	GE 65 PMSX EAS
* Stand-by three-phase power	Three-phase synchronous alternator, self-excited, self-regulated, brushless	
* P.R.P. three-phase power	66 kVA (52.8 kW) / 400 V / 95.2 A	
* P.R.P. single-phase power	60 kVA (48 kW) / 400 V / 86.6 A	
Cos φ	22 kVA / 230 V / 95.6 A	
Insulation class	0.8	
	H	

### ENGINE

ENGINE	4-stroke diesel, turbocharged, direct injection, water cooled
Model	PERKINS 1104C-44TG3
* Stand-By net power	59.3 kW (80.6 HP)
* P.R.P. net power	53.7 kW (73 HP)
Cylinders/ Displacement	3/ 4.4 l (4400 cm <sup>3</sup> )
Speed	1500 rpm
Fuel consumption (75% of P.R.P.)	11.9 l/h (214 g/kWh)

### GENERAL SPECIFICATION

Tank capacity	102 l
Running time (75% of P.R.P.)	8.5 h
IP protection degree	IP 44
*Dimensions LxWxh (mm)	2490x1030x1480
*Dry weight	1330 kg
**Measured acoustic power LwA (pressure LpA)	91 dB(A) (66 dB(A) @ 7 m)
**Guaranteed acoustic power LwA (pressure LpA)	92 dB(A) (67 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