

GENERATING SET GE 20 PS SX EAS

- Perkins water cooling DIESEL engine – 1500 rpm
- Engine protection EP6
- Three-phase synchronous alternator with AVR
- Electronic voltage regulator
- Output sockets: 1x400V 32A 3P+N+T CEE -1x400V 16A 3P+N+T CEE
2 x 230V 16A 2P+T CEE or SCHUKO
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Emergency stop button
- Super silenced
- Bunded base
- Galvanized base frame (optional)
- Trailer (optional)
- Ready for connection to automatic transfer unit
- Meets EC Directives for safety and noise level



Standard Equipment											
	Diesel engine	Water cooling	Battery 12V	Engine protection	Electric start	Low press. shut down	High water shut down	Over speed shut down	Low fuel shut down	Battery charge alarm	Central lifting eye
Options on request	<ul style="list-style-type: none"> • 400V plug • 230V plug 			<ul style="list-style-type: none"> • Remote control TCM35 • Automatic transfer unit (AMF) EAS 28-805 • Tank locking cap 				<ul style="list-style-type: none"> • Earthing kit • Site tow CTL22 • Road trolley CTV1 			
Factory installation options	<ul style="list-style-type: none"> • Water heater WH • Isometer (Insulation monitoring) 			<ul style="list-style-type: none"> • Gauges - water temperature and oil pressure • ESB (Excitation Boost System) 							

Technical Data

GE 20 PS SX

A.C GENERATION - 50 Hz

Three-phase synchronous alternator, self-excited, self-regulated, brushless

* Stand-by three-phase power

22 kVA (17.6 kW) / 400V / 31.8 A

* PRP three-phase power

20 kVA (16 kW) / 400V / 28.9 A

* PRP single-phase power

7 kVA / 230V / 30.4A

Cos φ

0.8

Insulation class

H

* Output powers according to ISO 8528-1

ENGINE

4-stroke diesel, natural aspirated, indirect injection, water cooled

Model

Perkins 404D-22G
(Stage3A - 97/68/CE)

Perkins 404A-22G1

* Stand-By net power

20.3 kW (27.6 HP)

* PRP net power

18.4 kW (25 HP)

Cylinders/ Displacement

4 / 2.216 l (2216 cm³)

Speed

1500 rpm

Fuel consumption (75% of PRP)

4 l/h (238 g/kWh)

* Powers according to ISO 3046-1

GENERAL SPECIFICATION

Tank capacity

100 l

Running time (75% of PRP)

25h

IP protection degree

IP 44

*Dimensions LxWxh (mm)

1835 x 900 x 1265

*Dry weight

800 kg

**Measured acoustic power LwA (pressure LpA)

85 dB(A) (60 dB(A) @ 7m)

**Guaranteed acoustic power LwA (pressure LpA)

85 dB(A) (60 dB(A) @ 7m)

* 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.