

GENERATING SET GE 45 YSX EAS AVR + COMPOUND

- Yanmar water cooled DIESEL engine - 1500 rpm
- Electronic governor
- Engine protection EP6
- Three-phase synchronous alternator
- Combined system voltage regulation (AVR + COMPOUND)
- Terminal output with bus bar
- Output sockets version: 1x400V 63A 3P+N+T CEE - 1x400V 32A 3P+N+T CEE
1x400V 16A 3P+N+T CEE - 2x230V 16A 2P+T CEE or SCHUKO
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Emergency stop button
- Super silenced
- Galvanized sleigh base frame (option)
- Trailer CTL20 (option)
- Ready for connection to automatic transfer unit
- Meets EC directives for safety and noise level



* Only for terminal output version
** Only for output sockets version

Standard equipment											
Options on request	<ul style="list-style-type: none"> • 400V plug • 230V plug • Galvanized sleigh base frame 			<ul style="list-style-type: none"> • Remote control TCM35 • Automatic transfer unit (AMF) EAS 42-805 			<ul style="list-style-type: none"> • Earthing kit • Site tow CTL20 				
Factory installation options	<ul style="list-style-type: none"> • Water heater WH • Isometer (Insulation monitors) • Gauges - water temperature and oil pressure 			<ul style="list-style-type: none"> • Radio control • Spark arrestor • 3-way valve fuel system with quick connection for external fuel tank supply 			<ul style="list-style-type: none"> • Earth leakage relay • Earth leakage relay - Type B (all sensitive) • 350 liters internal tank • 50/60Hz selector 				

Technical Data

GE 45 YSX EAS

A.C GENERATION - 50 Hz

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

* Stand-by three-phase power	46 kVA (36.8 kW) / 400V / 66.4 A
* PRP three-phase power	42 kVA (33.6 kW) / 400V / 60.6 A
* PRP single-phase power	15.5 kVA / 230V / 67.4A
Cos φ	0.8
Insulation class	H

ENGINE

4-stroke diesel, turbocharged, direct injection, water cooled

Model	YANMAR 4TNV98T
* Stand-By net power	41.9 kW (57 HP)
* PRP net power	37.9 kW (51.5 HP)
Cylinders/ Displacement	4 / 3319 cm ³
Speed	1500 rpm
Fuel consumption (75% of PRP)	7.4 l/h

GENERAL SPECIFICATION

Tank capacity	100 l
Running time (75% of PRP)	13.5 h
IP protection degree	IP 44
*Dimensions LxWxh (mm)	2050 x 900 x 1420 mm
*Dry weight	1020 kg
**Measured acoustic power LwA (pressure LpA)	90 dB(A) (65 dB(A) @ 7m)
**Guaranteed acoustic power LwA (pressure LpA)	91 dB(A) (66 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.