

# GENERATING SET

## GE 20 YSX EAS AVR + COMPOUND

- Yanmar water cooled DIESEL engine - 1500 rpm
- Engine protection EP6
- Three-phase synchronous alternator
- Combined system voltage regulation (AVR + COMPOUND)
- Output sockets: 1x400V 32A 3P+N+T CEE - 1x400V 16A 3P+N+T CEE
- - 2x230V 16A 2P+T CEE or 2x230V 16A 2P+T 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



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
	Cold start aid	Siren	Remote starting	Rpm-meter	Hour-meter	Battery voltmeter	Voltmeter	Frequency-meter	Ammeter	Fuel level gauge	
	Synchronous alternator	AVR + COMPOUND (Automatic Voltage Regulator)	3~ Sockets	1~ Sockets	ELCB-GFI	Circuit Breaker	Voltmeter phase selector	Emergency stop button	Local/Remote Start selector	Ready for EAS	
Options on request	<ul style="list-style-type: none"> <li>400V plug</li> <li>230V plug</li> <li>Galvanized sleigh base frame</li> </ul>	<ul style="list-style-type: none"> <li>Remote control TCM35</li> <li>Automatic transfer unit (AMF) EAS 28-805</li> </ul>	<ul style="list-style-type: none"> <li>Earthing kit</li> <li>Site tow CTL20</li> <li>Road trolley CTV1</li> </ul>								
Factory installation options	<ul style="list-style-type: none"> <li>Water heater WH</li> <li>Isometer (Insulation monitors)</li> <li>Gauges - water temperature and oil pressure</li> </ul>	<ul style="list-style-type: none"> <li>Radio control</li> <li>Spark arrestor</li> <li>350 liters internal tank</li> </ul>	<ul style="list-style-type: none"> <li>3-way valve fuel system with quick connection for external fuel tank supply</li> </ul>								

### Technical Data

### GE 20 YSX EAS

#### A.C GENERATION - 50 Hz

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

\* Stand-by three-phase power

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

\* PRP three-phase power

18 kVA (14.4 kW) / 400V / 26 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, direct injection, water cooled

Model

YANMAR 4TNV88

\* Stand-By net power

18 kW (24.5 HP)

\* PRP net power

16.4 kW (22.3 HP)

Cylinders/ Displacement

4 / 2190 cm<sup>3</sup>

Speed

1500 rpm

Fuel consumption (75% of PRP)

3.4 l/h

\* Powers according to ISO 3046-1

#### GENERAL SPECIFICATION

Tank capacity

100 l

Running time (75% of PRP)

29.5 h

IP protection degree

IP 44

\*Dimensions LxWxh (mm)

1835 x 900 x 1265 mm

\*Dry weight

750 kg

\*\*Measured acoustic power LwA (pressure LpA)

89 dB(A) (64 dB(A) @ 7m)

\*\*Guaranteed acoustic power LwA (pressure LpA)

89 dB(A) (64 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.