ISO 9001:2008 - Cert. 0192

# GENERATING SET
# GE 45 YSX

## FEATURES

- Electronic voltage regulation
- Engine protection EP6
- Combined system voltage regulation: electronic AVR + Compound
- Sockets : 1x400V 63A 3P+N+T CEE - 1x400V 32A 3P+N+T CEE - 1x400V 16A 3P+N+T CEE - 2x230V 16A 2P+T SCHUKO
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Emergency stop button
- Super Silenced
- Bunded base
- Ready for connection to automatic transfer unit EAS
- Meets EC Directives for safety and noise level

The images are for reference

| Standard Equipment | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Diesel engine | Water cooling | Battery 12V | 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 | Central lifting eye |
| | Emergency stop button | Cold start aid | Siren | Remote starting | Rpm-meter | Hours-meter | Battery voltmeter | Voltmeter | Frequenci-meter | Ammeter | Fuel level gauge |
| | Synchronous alternator | AVR + COMPOUND (Automatic Voltage Regulator) | | Sockets | Sockets | ELCB-GFI | Circuit breaker | Voltmeter phase selector | Local/Remote Start selector | Ready for EAS/TCM | |

**Options on request**
- Galvanized sleigh base frame
- Remote control TCM35
- Automatic transfer unit (AMF) EAS 42-809
- Earthing kit
- Site tow CTL20

**Versions on request**
- Terminal output with bus bar and socket 230V/16A SCHUKO

**Factory installation options**
- 50/60 Hz Selector
- Water heater WH
- Isometer
- Spark arrestor
- Gauges - water temperature and oil pressure
- Radio control
- Electronic leakage relay
- Main battery switch
- 3-way valve fuel system with quick connection for external fuel tank supply
- 350 liters internal tank

| Technical data | GE 45 YSX |
|---|---|
| **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 |
| * Output powers according to ISO 8528-1 | |
| **ENGINE** - *4-stroke diesel turbo compresso, direct injection, Water cooling* | |
| **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 cm³ |
| **Speed** | 1500 rpm |
| **Fuel consumption (75% of PRP)** | 7.4 l/h |
| * Powers according to ISO 3046-1 | |
| **GENERAL SPECIFICATIONS** | |
| **Tank capacity** | 100 l |
| **Running time (75% of PRP)** | 13.5 h |
| **IP protection degree** | IP 44 |
| *** Dimensions Lxlxh** | 2050x900x1420 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.


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