



PRODUCT INFORMATION – NEW YANMAR GENERATING SETS LINE

MOSA is very pleased to present you the new Yanmar generating sets line ranging from 8 KVA to 38 KVA, with a new catchy design and state of the art technology. This new family of product integrates MOSA's range and includes the following models:

GE 8 YSX single phase – GE 10 YSX – GE 15 YSX – GE 20 YSX – GE 35 YSX

MOSA offers to its distributors this new line with many new features by keeping the same gross prices of the equivalent Perkins line with a dramatic increase of the quality/price ratio and, by doing so, we set a new standard for this category of machines.

The standard characteristics of this line are the following:

- Stage IIIa engines according to the current and latest European exhaust emission gas standard and norms
- Excellent sound attenuation canopy with noise level around 60 db @ 7 meters
- New modern canopy fully designed to be produced by the new automatic punching/bending machines
- New aesthetic features with anti-corrosion rounded edges and new air intake and wayout that allow to place the machine in narrow corners and against walls
- Wide doors for easy inspection and maintenance
- Bunded base with a 110% internal liquid capacity and forklifts pockets
- IP 44 standard with additional protection for control panels and breakers
- EP 6 engine protection system with automatic shutdown for low oil pressure, high water temperature, overspeed and low fuel level
- Machines equipped with LINZ double voltage regulation AVR + COMPOUND system
- Emergency stop button
- New optional available: 350 liters internal tank and galvanized sleigh base frame.

This new line is particularly conceived for:

- rental companies
- building & construction companies
- harsh and wet environment

Please find below an example of datasheet (full range of datasheets available on our website). You can find items codes and prices in our revision of Export Pricelist 2012. Please contact us for a quotation and lead time.

GENERATING SET GE 10 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 : 1 x 400V 16A 3P+N+T CEE - 2 x 230V 16A 2P+T CEE
or 2 x 230V 16A 2P+T SCHUKO
- ELCB-GFI (Ground Fault Interruptor)
- Circuit breaker
- Emergency stop button
- Super silenced
- Trailer CTL15 (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
			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

- 400V plug
- 230V plug
- Remote control TCM35
- Automatic transfer unit (AMF) EAS 28-805
- Tank locking cap
- Earthing kit
- Site tow CTL15
- Road trolley CTV1

Factory installation options

- Water heater WH
- Isometer (Insulation monitors)
- Gauges - water temperature and oil pressure
- Radio control
- Spark arrestor

Technical Data

GE 10 YSX EAS

A.C GENERATION - 50 Hz

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

* Stand-by three-phase power

9.5 kVA (7.6 kW) / 400V / 13.7 A

* PRP three-phase power

9 kVA (7.2 kW) / 400V / 13 A

* PRP single-phase power

4.5 kVA / 230V / 19.5A

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

YANMAR 3TNV76

* Stand-By net power

9 kW (12.2 HP)

* PRP net power

8.2 kW (11.1 HP)

Cylinders/ Displacement

3 / 1116 cm³

Speed

1500 rpm

Fuel consumption (75% of PRP)

1.8 l/h

* Powers according to ISO 3046-1

GENERAL SPECIFICATION

Tank capacity

55 l

Running time (75% of P.R.P.)

30.5 h

IP protection degree

IP 44

*Dimensions LxWxh (mm)

1680 x 770 x 1190 mm

*Dry weight

535 kg

**Measured acoustic power L_{WA} (pressure L_{pA})

83 dB(A) (58 dB(A) @ 7m)

**Guaranteed acoustic power L_{WA} (pressure L_{pA})

84 dB(A) (59 dB(A) @ 7m)

* Dimensions and weight without trolley/trailer.

**Acoustic power according to European Directive 2000/14/EC



Please find below the rendering of the GE 10 YSX equipped with 350 liters internal tank and galvanized sleigh base frame

