



YANMAR

YDG Series Industrial Diesel Generator



YDG3700EV-GEI

Features

Easy Maintenance, Long Lasting

Fewer parts means fewer maintenance worries. Inspection is easy and adjustments are simple. Forced lubrication feeds oil to vital parts, and high quality materials give first-class durability.

Electric Start with Recoil Backup

If the electric start ever fails, the recoil starter, along with a auto-return decompression lever makes manual starting easy and quick, even when the temperature is low.

Low Oil Pressure Safety System

The chance of damage due to low oil level operation is reduced with a Yanmar genset. An alarm is activated and the engine stops as soon as the oil pressure falls low.

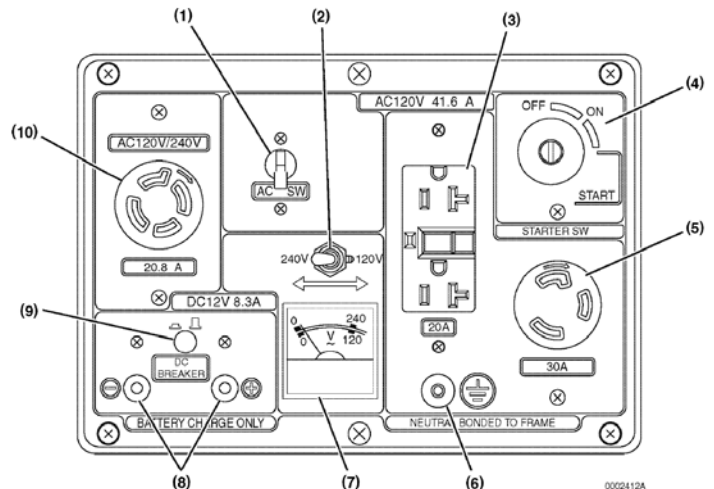
Peaceful, Yet Powerful

The engine and generator rest on inclined rubber insulators. This improved mounting system takes away both vertical and horizontal vibrations, leaving you with a smoothly running generator.

YDG3700 EV-6EI General Specification 3.7 kW (29.2 AC) @ 3600 rated rpm

Type	Revolving Field Type, 2 Pole, Single Phase
Frequency	60 Hz
Max AC Output	3.7 kW
Max DC Output	12v/8.3 amps/100W
Power Factor	1.0
Rated Voltage	120/240 volts
Rated Current	29.2/14.6 amps
Rotation (from flywheel end)	Counterclockwise
Length	25.6 inches (650 mm)
Width	19.5 inches (496 mm)
Height	20.9 inches (530 mm)
Dry Weight	181 lbs (82 kg)
Max Operating Incline	10 degrees
Noise (Cont. Rating)	1 m=93 db(A); 7m=82 db(A)
Voltage Regulation	10%+/-

Control Panel Layout



- | | |
|--|--|
| 1 – AC Circuit Breaker (Generator Main Switch-Circuit Breaker) | 6 – Grounding Terminal |
| 2 – Voltage Selector Switch (120/240VAC) | 7 – Voltage Meter |
| 3 – 120VAC Receptacle with GFCI | 8 – 12VDC Receptacle (For 12VDC Battery Charging Only) |
| 4 – Engine Start Key Switch | 9 – DC Circuit Breaker (12VDC Output) |
| 5 – 120VAC Twist Lock Receptacle | 10 – 120/240VAC Twist Lock Receptacle |

Additional Information

Yanmar America Corp
951 Corporate Grove Drive
Buffalo Grove, IL 60089
www.yanmar.com

Distributed By:

Materials and specifications herein are intended to serve as a guide in engine selection and subject to change without notice. The International System of Units (SI) is used in this publication. Yanmar and its logos, as well as corporate identity used herein, are trademarks of Yanmar and may not be used without permission.