



# YGP250 YGP275E

## 250-275kVA PERKINS POWERED DIESEL GENERATING SETS

GENERAL	
<b>OUTPUT RATINGS</b>	
50Hz, 380-415V	
YGP250	250kVA, 200kW
YGP275E	275kVA, 220kW
<b>ENGINE</b>	
MAKE	PERKINS
MODEL	1506 E87-TAG3
<b>ALTERNATOR</b>	
MAKE	MECC-ALTE
	ECO38-1LN




For illustrative purposes only

### TECHNICAL DATA

		YGP250	YGP275E
Engine Model	1506 E87-TAG3		
Number Of Cylinders	6	Fuel Cons: 100% Load l/hr	53.8    58.7
Cubic Capacity	8.7 Litres	Fuel Cons: 75% Load l/hr	63    50
Aspiration	Turbocharged, Charge Cooled	Cooling Air Flow : m <sup>3</sup> /min (cfm)	424 (14980)
Engine Speed (RPM)	1500	Exhaust Gas Flow : m <sup>3</sup> /min (cfm)	44.5 (1572)
Fuel Tank Capacity	350	Exhaust Gas Temp : °C (°F)	500 (932)

Rating Definitions  
 YGP250: There is no limitation to annual hours of operation and these models can supply 10% overload for 1 in 12 hours.  
 YGP275E Standby power: Ratings only applicable for supplying power in event of power failure. No overload is permitted on these ratings.

### CONTROL PANEL



**6110 Series DIGITAL control panel auto start module**

The panel contains:

- Back lit text LCD display
- Voltmeter and Ammeter with combined tachometer/Frequency meter:
- Automatic engine protections and shutdown for Low oil pressure and High engine temperature and overspeed
- Engine preheat, battery voltage, remote start input etc
- The module also has an events log (last 10 events)

### DIMENSIONS AND WEIGHTS

Length mm (in)	Width mm (in)	Height Mm(in)	Weight inc Lube Oil Kg (lb)	Weight inc Lube Oil & Coolant
2989 (117.7)	990(39.0)	1789 (70.4)	2122 (4630)	2252 (4965)

YelloGen Ltd 24 Oroory Hill Dromore County Down UK BT25 1LE	Please Contact: Tel: 0044 (0) 1430-850001 Fax: 0044 (0) 1430-850002 www. Yellogen. com E Mail:mail@yellogen.com
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