



**YGP80/YGP88E**

**80-88kVA**  
**PERKINS POWERED DIESEL GENERATING SETS**

GENERAL	
<b>OUTPUT RATINGS</b>	
50Hz, 380-415V	
YGP80	<b>80KVA,64KW</b>
YGP88E	<b>88kVA, 72KW</b>
<b>ENGINE</b>	
MAKE	<b>PERKINS</b>
MODEL	<b>1104A-44TG2</b>
<b>ALTERNATOR</b>	
MAKE	<b>MECC-ALTE</b>
	<b>ECP34-1S/4</b>



Illustrative purposes only

**TECHNICAL DATA**

Engine Model	1104A-44TG2		YGP80	YGP88E
Number Of Cylinders	4	Fuel Cons: 100% Load l/hr	18	19.9
Cubic Capacity	4.4 Litres	Fuel Cons: 75% Load l/hr	13.6	14.9
Aspiration	Turbocharged	Cooling Air Flow : m <sup>3</sup> /min	121.2	
Engine Speed (RPM)	1500	Exhaust Gas Flow : m <sup>3</sup> /min	12.5	
Fuel Tank Capacity	219 Litres	Exhaust Gas Temp : °C	555	

Rating Definitions

YGP80 Continuous power: There is no limitation to annual hours of operation and these models can supply a 10% overload for 1 in 12 hours  
 YGP88E Standby power: Ratings only applicable for supplying power in event of power failure. No overload is permitted on these ratings.

**CONTROL PANEL**

	<p><b>6110 Series DIGITAL control panel auto start module</b></p> <p>The panel contains:</p> <ul style="list-style-type: none"> <li>Back lit text LCD display</li> <li>Voltmeter and Ammeter with combined tachometer/Frequency meter:</li> <li>Automatic engine protections and shutdown for Low oil pressure and High engine temperature and overspeed</li> <li>Engine preheat, battery voltage, remote start input etc</li> <li>The module also has an events log (last 10 events)</li> </ul>
--	--

**DIMENSIONS AND WEIGHTS**

Length Mm	Width Mm	Height Mm	Weight inc Lube Oil Kg	Weight inc Lube Oil & Coolant
1890	740	1560	1050	1100

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