



# YGP1860 YGP2024E

**1860-2018kVA**  
PERKINS POWERED DIESEL GENERATING SETS

GENERAL	
<b>OUTPUT RATINGS</b>	
50Hz, 380-415V	
YGP1860	<b>1860kVA, 1488kW</b>
YGP2024E	<b>2024kVA, 1619KW</b>
<b>ENGINE</b>	
MAKE	<b>PERKINS</b>
MODEL	<b>4016-TAG1A</b>
<b>ALTERNATOR</b>	
MAKE	<b>NEWAGE STAMFORD</b>
	<b>PI734E</b>



For illustrative purposes only

TECHNICAL DATA				
Engine Model	4016TAG1A		YGP1860	YGP2024E
Number Of Cylinders	16	Fuel Cons: 100% Load l/hr	378	419
Cubic Capacity	61.1 Litres	Fuel Cons: 75% Load l/hr	279	306
Aspiration	Turbocharged Charge cooled	Cooling Air Flow : m <sup>3</sup> /min (cfm)	2058 (72678)	
Engine Speed (RPM)	1500	Exhaust Gas Flow : m <sup>3</sup> /min (cfm)	343 (12113)	
Fuel Tank Capacity	N/A	Exhaust Gas Temp : °C (°F)	439 (822)	

**Rating Definitions**

YGP1860: There is no limitation to annual hours of operation and these models can supply 10% overload for 1 in 12 hours.

YGP2024E 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> </ul> <p>The module also has an events log (last 10 events)</p>

DIMENSIONS AND WEIGHTS				
Length mm (in)	Width mm (in)	Height Mm(in)	Weight inc Lube Oil Kg (lb)	Weight inc Lube Oil & Coolant
5749 (226.3)	2300 (90.6)	3020 (118.9)	15495 (34161)	15695 (34602)

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