



Perkins

YGP500 / YGP550E


500 – 550kVA
PERKINS POWERED DIESEL GENERATING SETS

GENERAL	
OUTPUT RATINGS	
50Hz, 380-415V	
YGP500	500kVA, 400kW
YGP550E	550kVA, 440kW
ENGINE	
MAKE	PERKINS
MODEL	2506C-E15TAG2
ALTERNATOR	
MAKE	NEWAGE STAMFORD
	HCI544D



TECHNICAL DATA				
Engine Model	2506C-E15TAG2		YGP500	YGP550E
Number Of Cylinders	6 Cylinder in Line	Fuel Cons: 100% Load l/hr	102.4	78
Cubic Capacity	15.2 Litres	Fuel Cons: 75% Load	111	85.7
Aspiration	Turbocharged, Aftercooled	Cooling Air Flow : m³/min	660	
Engine Speed (RPM)	1500	Exhaust Gas Flow : m³/min	81.0	
Fuel Tank Capacity	928 Litres	Exhaust Gas Temp : °C	514	

Rating Definitions
 YGP500 continuous power : There is no limitation to annual hours of operation and these models can supply 10% overload for 1 in 12 hours.
 YGP550E Standby power : Ratings only applicable for supplying power in event of power failure. No overload is permitted on these ratings.

CONTROL PANEL	
	<p>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)</p>

DIMENSIONS AND WEIGHTS				
Length mm	Width mm	Height Mm	Weight inc Lube Oil Kg	Weight inc Lube Oil & Coolant
3700	1100	2143	3920	3958

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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