



YGP450 / YGP495E

450 – 495kVA
PERKINS POWERED DIESEL GENERATING SETS

GENERAL	
OUTPUT RATINGS	
50Hz, 380-415V	
YGP450	450kVA, 360kW
YGP495E	495kVA, 396kW
ENGINE	
MAKE	PERKINS
MODEL	2506A-E15TAG1
ALTERNATOR	
MAKE	STAMFORD NEWAGE
	HCI544C



TECHNICAL DATA				
Engine Model	2506A-E15TAG1		YGP450	YGP495E
Number Of Cylinders	6 Cylinder in Line	Fuel Cons: 100% Load l/hr	88.8	98.6
Cubic Capacity	15.2 Litres	Fuel Cons: 75% Load	67.3	74.4
Aspiration	Turbocharged, Aftercooled	Cooling Air Flow : m³/min	660	
Engine Speed (RPM)	1500	Exhaust Gas Flow : m³/min	71.4	
Fuel Tank Capacity	928 Litres	Exhaust Gas Temp : °C	506	

Rating Definitions
 YGP450 continuous power : There is no limitation to annual hours of operation and these models can supply 10% overload for 1 in 12 hours.
 YGP495E 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</p> <p>The panel contains:</p> <ul style="list-style-type: none"> 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 <p>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	1110	2143	3793	3831

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