



Perkins

YGP745 YGP815E

745-815kVA
PERKINS POWERED DIESEL GENERATING SETS

GENERAL	
OUTPUT RATINGS	
50Hz, 380-415V	
YGP745	745kVA, 596kW
YGP815E	815kVA, 652kW
ENGINE	
MAKE	PERKINS
MODEL	4006-23TAG2A
ALTERNATOR	
MAKE	NEWAGE STAMFORD
	HCI634G



For illustrative purposes only

TECHNICAL DATA

Engine Model	4006-23TAG2A		YGP745	YGP815E
Number Of Cylinders	8	Fuel Cons: 100% Load l/hr	149	163
Cubic Capacity	22.9 Litres	Fuel Cons: 75% Load l/hr	114	124
Aspiration	Turbocharged, Charge Cooled	Cooling Air Flow : m ³ /min (cfm)	1134 (40047)	
Engine Speed (RPM)	1500	Exhaust Gas Flow : m ³ /min (cfm)	180 (6357)	
Fuel Tank Capacity	N/A	Exhaust Gas Temp : °C (°F)	430 (806)	

Rating Definitions

YGP745: There is no limitation to annual hours of operation and these models can supply 10% overload for 1 in 12 hours.

YGP815E 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 The module also has an events log (last 10 events)
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DIMENSIONS AND WEIGHTS

Length mm (in)	Width mm (in)	Height Mm(in)	Weight inc Lube Oil Kg (lb)	Weight inc Lube Oil & Coolant
4280 (168.5)	1912 (75.3)	2277 (89.6)	6059 (13358)	6170 (13603)

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