



YGP800 YGP850E

800-850kVA
PERKINS POWERED DIESEL GENERATING SETS

GENERAL	
OUTPUT RATINGS 50Hz, 380-415V	
YGP800	800kVA, 640kW
YGP850E	850kVA, 680kW
ENGINE	
MAKE	PERKINS
MODEL	4006-23TAG3A
ALTERNATOR	
MAKE	NEWAGE STAMFORD
	HCI634G



For illustrative purposes only

TECHNICAL DATA

Engine Model	4006-23TAG3A		YGP800	YGP850E
Number Of Cylinders	8	Fuel Cons: 100% Load l/hr	163	188
Cubic Capacity	22.9 Litres	Fuel Cons: 75% Load l/hr	123	138
Aspiration	Turbocharged, Charge Cooled	Cooling Air Flow : m ³ /min (cfm)	1134 (40047)	
Engine Speed (RPM)	1500	Exhaust Gas Flow : m ³ /min (cfm)	193 (6816)	
Fuel Tank Capacity	N/A	Exhaust Gas Temp : °C (°F)	500 (932)	

Rating Definitions
 YGP800: There is no limitation to annual hours of operation and these models can supply 10% overload for 1 in 12 hours.
 YGP850E Standby power: Ratings only applicable for supplying power in event of power failure. No overload is permitted on these ratings.

CONTROL PANEL

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)

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)	6259 (13799)	6370 (14043)

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