



# YG650 / YG710E

## 650-710kVA PERKINS POWERED DIESEL GENERATING SETS

GENERAL	
<b>OUTPUT RATINGS</b>	
50Hz, 380-415V	
YG650	<b>650kVA, 520kW</b>
YG710E	<b>710kVA, 568kW</b>
<b>ENGINE</b>	
MAKE	<b>PERKINS</b>
MODEL	<b>28064-E18TAG2A</b>
<b>ALTERNATOR</b>	
MAKE	<b>NEWAGE STAMFORD</b>
	<b>HCI544F</b>



For illustrative purposes only

## TECHNICAL DATA

Engine Model	2806C-E18TAG2A		YG650	YG710E
Number Of Cylinders	6 Cylinder in Line	Fuel Cons: 100% Load l/hr	100	125
Cubic Capacity	18.1 Litres	Fuel Cons: 75% Load	80	102
Aspiration	Turbocharged, Chargecooled	Cooling Air Flow : m <sup>3</sup> /min	660	
Engine Speed (RPM)	1500	Exhaust Gas Flow : m <sup>3</sup> /min	123	
Fuel Tank Capacity	1000 Litres	Exhaust Gas Temp : °C	563	

**Rating Definitions**

YG650 continuous power : There is no limitation to annual hours of operation and these models can supply 10% overload for 1 in 12 hours.

YG710E 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	Width mm	Height Mm	Weight inc Lube Oil Kg	Weight inc Lube Oil & Coolant
3700	1100	2143	3920	3958

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