



YGP42.5/YGP46E

42.5-46kVA
PERKINS POWERED DIESEL GENERATING SETS

| GENERAL | |
|-----------------------|----------------------|
| OUTPUT RATINGS | |
| 50Hz, 380-415V | |
| YGP40 | 42.5KVA, 34KW |
| YGP44E | 46kVA, 36.8KW |
| ENGINE | |
| MAKE | PERKINS |
| MODEL | 1103A-33TG1 |
| ALTERNATOR | |
| MAKE | MECC-ALTE |
| | ECO32-3S4 |



Illustrative Purposes only

TECHNICAL DATA

| Engine Model | 1103A-33TG1 | | YGP42.5 | YGP46E |
|---------------------|---------------------|--|---------|--------|
| Number Of Cylinders | 4 | Fuel Cons: 100% Load l/hr | 9.2 | 10.2 |
| Cubic Capacity | 4.4 Litres | Fuel Cons: 75% Load l/hr | 7.1 | 7.7 |
| Aspiration | Naturally Aspirated | Cooling Air Flow : m ³ /min | 74.4 | |
| Engine Speed (RPM) | 1500 | Exhaust Gas Flow : m ³ /min | 8 | |
| Fuel Tank Capacity | 219 Litres | Exhaust Gas Temp : °C | 523 | |

Rating Definitions

YGP42.5 Continuous power: There is no limitation to annual hours of operation and these models can supply a 10% overload for 1 in 12 hours

YGP46E 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 |
|--------------|-------------|--------------|---------------------------|----------------------------------|
| 1650 | 750 | 1340 | 950 | 1000 |

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