



YGP1700 YGP1870E

1700-1870kVA
PERKINS POWERED DIESEL GENERATING SETS

| GENERAL | |
|-----------------------|------------------------|
| OUTPUT RATINGS | |
| 50Hz, 380-415V | |
| YGP1700 | 1700kVA, 1360kW |
| YGP1870E | 1870kVA, 1496kW |
| ENGINE | |
| MAKE | PERKINS |
| MODEL | 4012-46TAG3A |
| ALTERNATOR | |
| MAKE | NEWAGE STAMFORD |
| | PI734E |



For illustrative purposes only

TECHNICAL DATA


| Engine Model | 4012-23TAG3A | | YGP1700 | YGP1870E |
|---------------------|--------------|--|-------------|----------|
| Number Of Cylinders | 12 | Fuel Cons: 100% Load l/hr | 350 | 391 |
| Cubic Capacity | 45.8 Litres | Fuel Cons: 75% Load l/hr | 260 | 287 |
| Aspiration | Turbocharged | Cooling Air Flow : m ³ /min (cfm) | 192 (67804) | |
| Engine Speed (RPM) | 1500 | Exhaust Gas Flow : m ³ /min (cfm) | 350 (12360) | |
| Fuel Tank Capacity | N/A | Exhaust Gas Temp : °C (°F) | 480 (896) | |

Rating Definitions

YGP1700: There is no limitation to annual hours of operation and these models can supply 10% overload for 1 in 12 hours.

YGP1870E 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 |
|----------------|---------------|---------------|-----------------------------|-------------------------------|
| 5215 (205.3) | 2205 (86.8) | 2490 (98.0) | 11829 (26071) | 12036 (26535) |

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