



## Generator Technical Data Sheet for

### Powerhouse Series PHG33lv



### Power Systems



### Standard Features

- High Quality Acoustic and Weatherproof Canopy
- Intelligent Auto-Start Controller with Generator
- Monitoring and Protection Systems Suitable for Remote Starting or Connection with Scorpion AMF Panel
- Battery Trickle Charger
- Thermostatically Controlled Engine Heater
- Long Range Bunded Base Fuel Tank
- Ability to be Customised to Specific Requirements
- Output Circuit Breaker

The Powerhouse Series, ranging from 10 to 2230kVA, are built to a world-class standard and these remarkably competitive standby generators provide the most cost-effective solution for 'standard package' requirements.

A first class range of diesel

powered generators for prime and standby power applications.

Featuring reliable components from leading manufacturers, they are a premium product upon which your company can continue to build its reputation.

| MODEL: PHG33lv  | STANDBY           | PRIME |
|---|-------------------|-------|
| 400V, 3 Phase, 50Hz                                     | 33kVA             | 30kVA |
| Ratings at 0.8 Power Factor                             | 26kW              | 24kW  |
| SPECIFICATION   |                   |       |
| Engine  | IVECO FPT F32AM1A |       |
| Frequency   | Hz                | 50    |
| Engine Speed  | RPM               | 1500  |
| Fuel Tank Capacity                                      | Litres            | 170   |
| Fuel Consumption at 75% Load:                           | Litres / Hour     | 5.9   |
| Autonomy at 75% Load:                                   | Hours             | 28.5  |
| DIMENSIONS  |                   |       |
| Length  | mm                | 2100  |
| Width   | mm                | 900   |
| Height  | mm                | 1150  |
| WEIGHT  |                   |       |
| Weight (Including Lube Oil & Coolant, Excluding Diesel) | KG                | 965   |
| SOUND PRESSURE LEVELS                                   |                   |       |
| 7 Metre   | dB(A)             | 70    |

#### Distributor:

**Prime:** This rating is for the supply of continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation on the annual hours of operation and 10% overload power can be supplied for one hour in twelve hours.

**Standby:** This rating is for the supply of continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted.

**Note:** Standard reference conditions: 25deg C (77deg F) air inlet temperature, 152.4m (500feet) above sea level, 60% relative humidity. All engine performance data based on the above mentioned maximum continuous ratings.

Fuel consumption data at full load for diesel fuel with specific gravity of 0.85 and conforming to BS2869: 1998, class A2.

In line with our policy of continuous development, we reserve the right to change specification without notice.