

## VibroPower Volvo Generator Sets

### Volvo Engine

Volvo Penta industrial engines are designed to satisfy numerous requirement including

- High output
- Low Fuel consumption
- Low gas emissions
- Long service life
- Operational reliability
- Low noise level
- Good light running characteristics
- Ease of installation
- Ease of service

### Electrical System

24 volt starter motor and charging alternator complete with heavy duty lead acid batteries and interconnecting cables are standard supply.

### Available Options

- Weatherproof canopy
- Soundproof canopy
- Fuel tanks
- Trailer
- Manual start control panel
- Automatic mains failure panel
- Manual synchronizing panel
- Automated synchronizing and load sharing panel and sequence starting
- Remote radiator system
- Cooling tower system

### Alternator

The alternator of brushless excitation with IP21 standard enclosure. Stator and rotor are insulated with class H insulation. Optional features such as

air filters and anti-condensation heater can be fitted. Maintenance Voltage regulation  $\pm 1.5\%$  at any p.f. between 0.8 lagging and unity and including speed drop of 4.5%.

### Engine instruments and protections

- Water temperature gauge with shutdown for high water temperature
- Oil pressure gauge with shutdown for low oil pressure
- Battery charging voltmeter
- hour run meter

Optional feature such as tachometer, oil temperature gauge etc can be offered.

### Vibropower isolator

Neoprene anti-vibration mountings are installed between the engine/alternator and skidbase to ensure that vibration to the floor is minimized. Spring mountings can also be supplied for more critical installations.

### Exhaust System

Heavy duty industrial type silencer come with flexible expansion bellow as standard. Residential and critical silencer can also be offered

### Warranty

2000 hours or 12 months from date of starting or 18 months from date of delivery, whichever occurs first



### VibroPower range of Volvo powered diesel generating sets

1500RPM, 50HZ (80kVA ~ 500 kVA)

1800RPM, 60HZ (90kVA ~ 569 kVA)