

TECHNICAL DATA SHEET

DTG1745

POWER RATING & VOLTAGE

3 Phase, 400/230 Volts, 1500 RPM, 50 Hz, 0.8 pf

Prime Power Rating: 1747 kVA / 1398 kW

Standby Power Rating: 1914 kVA / 1531 kW

CIRCUIT BREAKER

Set mounted 3-pole fixed output breaker, rated to maximum output of generator set

Manufacturer: Schneider

ALTERNATOR

Make: Mecc Alte

Model: ECO46.2S4A

Insulation Class: Class H

Ingress Protection: IP23

No. of Poles: 4

No. of Bearings: 1 (Single)

Voltage Regulation: $\pm 1\%$

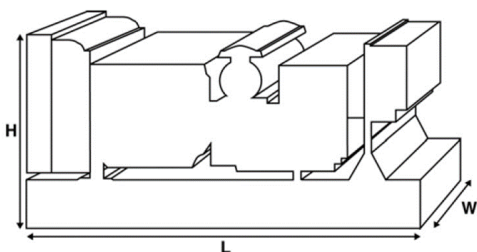
DIMENSIONS

Length: 5283mm

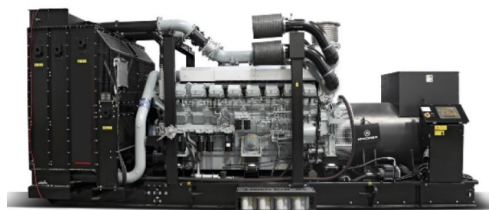
Width: 2043mm

Height: 2600mm

Weight: 12,840kg



ENGINE



Make: Mitsubishi

Model: S16R PTA

Configuration: Vee 16 Turbocharged & Aftercooled

Governing: Electronic

RPM: 1500

Displacement: 65.37 litres

Electrical System: 24v

Cooling: Close fit radiator with integral fan

GENERATING SET STANDARDS

The equipment meets the following standards: BS5000, ISO 8528, ISO 3046, IEC 60034, NEMA MG-1.22.

Skid mounted generator set with 1500 RPM industrial water cooled diesel engine, brushless self-regulating alternator, set mounted control panel (2 wire start), 12 or 24 Volt heavy duty lead acid starting batteries, battery leads, starter motor, charge alternator, inbuilt anti-vibration mountings, 3 pole fixed output circuit breaker. Generators configuration includes a self-regulating battery charger and a thermostatically controlled engine water jacket heater (Both require a separate single phase auxiliary supply).

Standard reference conditions 25°C (77°F) Air Inlet Temp, 100m (328 ft) A.S.L. 30% relative humidity. Fuel consumption data at full load with diesel fuel with specific gravity of 0.85 and conforming to BS2869: 1998, Class A2, EN590.