

Product Specifications For P1650-1M / P1650-1

Generator Set Specifications

Minimum Rating	1500 kVA / 1200 kW
Maximum Rating	1650 kVA / 1320 kW
Emissions/Fuel Strategy	Fuel Optimised
50 Hz Prime	1500 kVA / 1200 kW
50 Hz Standby	1650 kVA / 1320 kW
Frequency	50 Hz
Speed	1500 RPM
Voltage	220-415 Volts

Engine Specifications

Engine Model	Perkins® 4012-46TAG2A
Bore	160 mm (6.3 in)
Stroke	190 mm (7.5 in)
Governor Type	Electronic
Displacement	45.8l (2797.5 cu. in)
Compression Ratio	13.0:1

P1650-1M / P1650-1 Standard Equipment

Engine

- Air Cleaner
- Engine filled with lubrication oil
- Low Coolant Temperature Shutdown

Perkins 4000, Series 6, 8, 12 and 16 cylinder engine range

Electronic governor

Engine mounted fuel/water separator

Lube drain valve (910 kVA to 2500 kVA)

Cooling

Package mounted radiator

Coolant Drain Valve

Engine mounted battery charging alternator

Cooling System filled with Coolant mix

Charge air cooled (excluding TWGs)

Exhaust

Industrial silencer

Fuel

Fuel Cooler

Alternator

FG Wilson

AREP Excitation

IP23 Protection

Control Panel

Deep Sea 7410

Mounting

Base, Formed Steel with Single wall Fuel Tank

Lifting points on base frame

P1650-1M / P1650-1 Optional Equipment

Exhaust

Industrial, Residential, Critical Silencers

Catalytic converters

Heat Exchangers

Special spark arrestor silencers/certification

Alternator

Quadrature Droop Kit (AR6)

Anti-Condensation Heater and Panel Circuitry (AH1)

Increased alternator ingress protection

HV alternators

Control Panels

ComAp MRS16, IG200

Deep Sea 7420

Customer tailored PLC System

Remote monitoring

Increased Control Panel Ingress Protection

Stand alone ATI transfer panel

Starting/Charging

Lead Acid battery (Dry)

Dual and air starting systems

General

Upgrade to Standard Set for "CE" Certification

Sound attenuated enclosures

Spring, Seismic anti-vibration mounts

Customer witness test

Remote cooling

50 degree C radiator and package

Coolant heater

4-Pole circuit breaker

Motorised circuit breaker

LV and HV switchgear

Fuel

Bi-fuel options (TWG and TRG only)

Fuel transfer systems (730 - 900 kVA)

Integral metal fuel tank (730 - 900 kVA)