

Product Specifications For P16.5-6S

Generator Set Specifications

Minimum Rating	15 kVA / 15 kW
Maximum Rating	19.4 kVA / 19.4 kW
Emissions/Fuel Strategy	EU3a Emissions Compliant
50 Hz Prime	15 kVA / 15 kW
50 Hz Standby	16.5 kVA / 16.5 kW
60 Hz Prime	17.6 kVA / 17.6 kW
60 Hz Standby	19.4 kVA / 19.4 kW
Frequency	50 / 60 Hz
Speed	1500 or 1800 RPM
Voltage	220-240 Volts
50 Hz Prime Rating	These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation to the annual hours of operation and this model can supply 10% overload power for 1 hour in 12 hours.
60 Hz Prime Rating	These ratings are applicable for supplying continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings. The alternator on this model is peak continuous rated (as defined in ISO 8528-3).
50 Hz Standby Rating	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.

Engine Specifications

Engine Model	Perkins® 404D-22G
Bore	84 mm (3.3 in)
Stroke	100 mm (3.9 in)
Governor Type	Mechanical
Displacement	2.2l (135.2 cu. in)
Compression Ratio	23.3:1

P16.5-6S Standard Equipment

Engine

Air Cleaner

Lube oil drain valve

Engine filled with lubrication oil

High Coolant Temperature Shutdown

Low Oil Pressure Shutdown

Cooling

Package mounted radiator

Radiator & Cooling Fan

Coolant Drain Valve

Fan, Fan drive and battery charging Alternator drive fully guarded to meet EC Machinery Directive

Cooling System filled with Coolant mix

Exhaust

Exhaust flange outlet

Exhaust stub pipe and gasket

Fuel

8 Hr Fuel Tank or Skidbase

Fuel Fittings for Local and Remote Feed

Alternator

FG Wilson Alternator

SHUNT Excitation

IP23 Protection

Control Panel

FG100

Mounting

Base, Formed Steel with Skid base or Single wall Fuel Tank
Certified Base Mounted Lifting Eyes, and Rear Drag Eyelets
Anti-vibration mounts
Battery Tray and Cables

P16.5-6S Optional Equipment

Exhaust

Industrial, Residential, Critical Silencers

Alternator

Leroy Somer Alternator
Quadrature Droop Kit
Anti-Condensation Heater and Panel Circuitry
Anti-Condensation Heater and Panel Circuitry

Control Panels

DSE4520
DSE7320
DSE7410
Deep Sea DSE7420

Starting/Charging

Lead Acid battery (Dry)

General

Upgrade to Standard Set for "CE" Certification
EEC Declaration of Conformity
Narrow, Wide or Skid Base
Sound attenuated, steel or galvanised enclosure
Dual wall fuel tanks

Enclosure

Compliance to European Community Directive 2000/14/EC
Super sound attenuation for residential areas
Totally enclosed exhaust silencing system
Robust and highly corrosion resistant construction