

Output Ratings

Generating Set Model	PZ 250
380 – 415V, 50 Hz	250.0 KVA 200.0 kW

Ratings at 0.8 pf

Ratings Definitions

Prime Power - Model PZ 250

These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. This model can supply 10% overload power for 1 hour in 12 hours.

Technical Data

Engine Make/Model:	Perkins 1306C-E87TAG6
Alternator Make/Model:	Stamford Alternator / Leroy Somer / Mecc Alte
No. of Cylinders/Alignment:	6 in-line
Displacement: Litres (cu.in)	8.7 (530.9)
Bore and Stroke: mm (in)	116.6 (4.6) x 135.9 (5.4)
Compression ratio:	16.9:1
Induction:	Turbocharged air-to-air charge-cooled
Frequency:	50 Hz
Engine Speed: (rpm)	1500
Gross Engine Standby Power: kW (hp)	246 (330)
Gross Engine Prime Power: kW (hp)	224 (300)
Radiator Coolant Capacity Litres(US Gal)	37.2 (9.8)
Lubrication System Capacity Litres (US Gal)	26.4 (7.0)
Fuel Tank Capacity: Litres (US Gal)	440 (116.2)
Fuel Consump, Prime : 1/hr (USg/hr)	54.4 (14.4)
Fuel Consump, Standby: 1/hr (USg/hr)	59.6 (15.7)
Heat Rejected to Exhaust System: kW (Btu/min)	142.0 (8075)
Heat Rejected to Water & Lube Oil: kW (Btu/min)	151.0 (8587)
Heat Radiated to Room: kW (Btu/min)	44.0 (2502)
Exhaust Temperature: °C (°F)	528 (982.4)
Radiator Cooling Air Flow: m3/min (cfm)	375 (13243)
Cooling system designed to operate in ambient conditions up to 50° C (122° F)	
Combustion Air Flow: m3/min (cfm)	16.4 (579)
Exhaust Gas Flow: m3/min (cfm)	44.5 (1572)

* Contact your local Power Zone dealer for power ratings at specific site conditions.

Dimensions and Weights

Length:mm(in)	Width: mm(in)	Height: mm(in)	Dry: kg (lb)	Wet: kg (lb)
3100 (122.0)	1000 (39.4)	1728 (68.0)	2016 (4444.5)	2090 (4607.7)

Dry = With Lube Oil Wet = With Lube Oil and Coolant

Generating set pictured may include optional accessories

UAN: (+92-42) 111-111-087
Website: www.powerzone.com.pk
N. Ireland - UK

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



Engineering & Services

We light up your life

PZ 250