

Output Ratings

Generating Set Model	PZ 60
380 – 415V, 50 Hz	60.0 KVA 48.0 kW

Ratings at 0.8 pf

Ratings Definitions

Prime Power - Model PZ 60

These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power.



Engineering & Services

Technical Data

Engine Make/Model:	Perkins 1103A-33TG2
Alternator Make/Model:	Stamford Alternator / Leroy Somer / Mecc Alte
No. of Cylinders/Alignment:	3 in-line
Displacement: Litres (cu.in)	3.30 (201.4)
Bore and Stroke: mm (in)	105.0 (4.1) x 127.0 (5.0)
Compression ratio:	17.25:1
Induction:	Turbocharged
Frequency:	50 Hz
Engine Speed: (rpm)	1500
Gross Engine Standby Power: kW (hp)	60.5 (81.1)
Gross Engine Prime Power: kW (hp)	55.0 (73.8)
Radiator Coolant Capacity Litres(US Gal)	10.2 (2.69)
Lubrication System Capacity Litres (US Gal)	7.9 (2.09)
Fuel Tank Capacity: Litres (US Gal)	220 (58.1)
Fuel Consump, Prime : 1/hr (USg/hr)	13.90 (3.67)
Fuel Consump, Standby: 1/hr (USg/hr)	15.40 (4.07)
Heat Rejected to Exhaust System: kW (Btu/min)	46.0 (2618)
Heat Rejected to Water & Lube Oil: kW (Btu/min)	38.0 (2163)
Heat Radiated to Room: kW (Btu/min)	11.0 (626)
Exhaust Temperature: °C (°F)	571 (1060)
Radiator Cooling Air Flow: m3/min (cfm)	89.0 (3143)
Cooling system designed to operate in ambient conditions up to 50° C (122° F)	
Combustion Air Flow: m3/min (cfm)	3.90 (138)
Exhaust Gas Flow: m3/min (cfm)	10.40 (367)

* 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)
2210 (87.0)	760 (29.9)	1465 (57.7)	981 (2163)	1002 (2209)

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

Generating set pictured may include optional accessories

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

We light up your life

PZ 60