

### Output Ratings

<b>Generating Set Model</b>	<b>PZ 30</b>
380 – 415V, 50 Hz	30.0 KVA 24.0 kW

### Ratings Definitions

Ratings at 0.8 pf

### Prime Power - Model PZ 30

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

<b>Engine Make/Model:</b>	Perkins 1103A-33G
<b>Alternator Make/Model:</b>	Stamford Alternator / Leroy Somer / Mecc Alte
<b>No. of Cylinders/Alignment:</b>	3 in-line
<b>Displacement:</b> Litres (cu.in)	3.3 (201.4)
<b>Bore and Stroke:</b> mm (in)	105.0 (4.1) x 127.0 (5.0)
<b>Compression ratio:</b>	19.25:1
<b>Induction:</b>	Naturally Aspirated
<b>Frequency:</b>	<b>50 Hz</b>
<b>Engine Speed:</b> (rpm)	1500
<b>Gross Engine Standby Power:</b> kW (hp)	31.0 (41.6)
<b>Gross Engine Prime Power:</b> kW (hp)	28.2 (37.8)
<b>Radiator Coolant Capacity</b> Litres(US Gal)	10.2 (2.69)
<b>Lubrication System Capacity</b> Litres (US Gal)	7.9 (2.09)
<b>Fuel Tank Capacity:</b> Litres (US Gal)	220 (58.1)
<b>Fuel Consump, Prime :</b> 1/hr (USg/hr)	7.10 (1.88)
<b>Fuel Consump, Standby:</b> 1/hr (USg/hr)	7.9 (2.09)
<b>Heat Rejected to Exhaust System:</b> kW (Btu/min)	25.0 (1423)
<b>Heat Rejected to Water &amp; Lube Oil:</b> kW (Btu/min)	18.0 (1024)
<b>Heat Radiated to Room:</b> kW (Btu/min)	6.0 (341)
<b>Exhaust Temperature:</b> °C (°F)	520 (968)
<b>Radiator Cooling Air Flow:</b> m3/min (cfm)	53.0 (1872)
Cooling system designed to operate in ambient conditions up to 50° C (122° F)	
<b>Combustion Air Flow:</b> m3/min (cfm)	2.15 (76)
<b>Exhaust Gas Flow:</b> m3/min (cfm)	5.80 (205)

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

### Dimensions and Weights

<b>Length:</b> mm(in)	<b>Width:</b> mm(in)	<b>Height:</b> mm(in)	<b>Dry:</b> kg (lb)	<b>Wet:</b> kg (lb)
2210 (87.0)	760 (29.9)	1465 (57.7)	861 (1898)	882 (1944)

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.



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**PZ 30**