



XP56-70

Genset Standby Model
Standby Output

XP 61S
61 KW / 76 KVA

Genset Prime Model
Prime Output

XP 56
56 KW / 70 KVA

RATING DEFINITIONS

Prime Power Model XP with no Suffix

Prime Power is available for an unlimited number of annual operating hours in variable load applications, in accordance with ISO 8528-1. A 10% overload capability is available for a period of 1 hour within 12-hour period of operation, in accordance with ISO 3046-1 and BS5514.

Alternator Model: SLG224F

Prime Output	58 KW / 72.5 KVA
Power Efficiency	90 %
Voltage Regulation	±1.0% with 4% engine governing
Waveform Distortion	No load <1,5% and non-distorting balanced linear load <5%
THF/TIF	<2%/<50

Dimensions and masses

Length	mm	2130
Width	mm	710
Height	mm	1460
Net Mass	kg	1400

Technical Data

Diesel Engine Model: Perkins 1004TG

Engine Characteristics	Water-cooled, in line, 4 cylinders, 4 stroke, direct injection, wet cylinder liner 1500 rpm	Exhaust Temperature °C	561
Prime Output (KW)	65.7	Exhaust Back Pressure	6 KPA
Standby Output (KW)	72.3	Air Induction System	Dry element type back pressure warning indication
Aspiration	Turbo charged	Lube Temperature / Capacity	125°C/8.1 Litre (maximum)
Bore (mm) x Stroke (mm)	100 x 127	BMEP: kPA (Prime Power)	1369
Cubic Capacity (litres)	3.99	Heat Rejection to Exhaust	53.4 kW/min
Piston Speed (m/s)	6.35	Heat Rejection to Cooling	43 kW/min
Compression Ratio	16.0:01	Cooling System Volume	22.2 Litre
Stability Band Width	≤± 0.8%	Cooling Air Flow	100m³/min
Steady Governing Rate	≤ 5%	Combustion Air Flow	4.52m³ / min
Acoustic Pressure	≤ 91.2 (dBA at full load, 1m distance)	Exhaust Gas Flow	13.1m³/min
		Minimum Fuel Consumption	≤208g/kWh