

1000kVA(PRP) Open Diesel Generator



GENERAL			
Output/Speed	PRP kVA(kWe)	ESP kVA(kWe)	RPM
	1,000(800)	1,110(880)	1500
Engine	Manufacturer	Model	
	Cummins	QST30	
Alternator	Manufacturer	Model	
	Newage-Stamford	HC6K	

TECHNICAL DATA		Consumption		
Fuel System	Tank Capacity	(l/hr) at 75% Load	(l/hr) at 100% Load	(l/hr) at 110% Load
	Optional	153	202	224
Engine	Cubic Capacity (l)	Oil Capacity (l)	Exh. Flow PRP (m ³ /h)	Air Intake Eng. (m ³ /h)
	30.5	154	7,182	2,544
Cooling	Air/Water	Aspiration	Air Flow Rad. (m ³ /s)	Coolant Capacity (l)
	Water	Turbo & Aftercooled	17.6	175
Noise Levels	dB(A)@1m	dB(A)@7m	LWA	
	N/A	N/A	N/A	
Alternator	Output (V)	Voltage Regulation	Insulation Class	
	400/230	±0.5%	H	

PRP = Prime Rated Power ESP = Emergency Standby Power

DIMENSIONS & WEIGHTS



Max Dimensions	Length (mm)	Width (mm)	Height (mm)
	4,547	1,722	2,332
Weight	Wet (kg)	Dry (kg)	
	8,000	N/A	

Specifications may change without notice

PRIME POWER (PRP) is available for an unlimited number of annual operating hours in variable load applications, in accordance with ISO8528-1. A 10% overload capability is available for a period of 1 hour within a 12-hour period of operation, in accordance with ISO 3046-1.

EMERGENCY STANDBY POWER (ESP) is applicable for supplying emergency power for the duration of a utility power interruption. No overload, utility parallel or negotiated outage operation capability is available at this rating.

All ratings are based on the following reference conditions:

- Ambient temperature – 27°C
- Altitude above sea level – 150m
- Relative humidity – 60%

