



Frequency : 50Hz
 Fuel Type : Diesel

COOL POWER GENSET

TECHNICAL DATA



Model **CPP1100E**
 Standby power 880 KW / 1100KVA
 Prime power 800 KW / 1000 KVA

Fuel consumption	Standby				Prime			
	kW (kVA)				kW (kVA)			
Ratings	880(1100)				800(1000)			
Load	1/4	1/2	3/4	Full	1/4	1/2	3/4	Full
US gph	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
L/hr	N.A	N.A	N.A	248	N.A	108	160	220

Engine	
Engine manufacturer	Perkins
Engine model	4008-TAG2A
Configuration	In-line, 8 Cylinder, 4 Cycle
Aspiration	Turbocharged
Gross engine power output -- kWm	985
BMEP at set rated load -- kPa	2540
Bore -- mm	160
Stroke -- mm	190
Rated speed -- rpm	1500
Piston speed -- m/s	9.5
Compression ratio	13.6:1
Lube oil capacity -- L	153
Overspeed limit -- rpm	1650 ± 25
Regenerative power -- kWm	N/A
Governor type	Electronic
Starting voltage	24 Volts DC

Fuel flow	
Recommended fuel	ASTM NO.2-D
Governor type	Electronic
Max fuel transfer pump suction--(m)	0.9

Oil system	
Oil system capacity--(L)	153
Recommended oil	API CG4 15W/40
Oil normal temperature--(°C)	105
Oil consumption at 100% load--(l/h)	1.1

Air	
Combustion air -- m3/min	80.5

Exhaust	
Exhaust flow--(m ³ /min)	200
Exhaust temperature--(°C)	465
Allowable restriction--(kPa)	8

The above information is only for reference purpose and shall constitute no restraint to us. No further notice shall be given upon any change of the information, We reserve the authority for final revision.

Exhaust pipe diameter--(mm)	159
Standard set-mounted radiator cooling	
Radiator and engine capacity--(L)	143
Fan power--(kW)	27
Fan Air flow--(m ³ /min)	1685
Coolant normal temperature--(°C)	71-85
Max water temperature--(°C)	98
Type of coolant	Glycol

Alternator

Alternator manufacturer	Stamford
Alternator model	HCI634J
Control System	SEPARATELY EXCITED BY P.M.G.
Insulation class	H
Temperature Rise	H
Rated Power Factor	0.8
Winding Pitch	Two Thirds
Voltage adjust scope	≥ ± 10%
Weight--(kg)	2279
A.V.R.	MX321
Protection	IP 23
Stator Winding	Double layer Lap
Winding Leads	6
Voltage regulation	≤ ± 1%
Bearing number	1
Cooling Air--(m ³ /sec)	1.614

Weights*

	Open	Enclosed
Unit wet weight kgs	7576	N.A.

* Weights represent a set with standard features. See outline drawing for weights of other configurations

Dimensions

	Length "A"	Width "B"	Height "C"
Standard open set dimensions, mm	4750	2045	2430

Control Panel

Manual Control Panel:	Auto Control Panel:	Remote control Panel:
Manual start	Manual and auto start	All the parameter can display on LCD screen
Voltage, Current, Frequency, Battery voltage, Hour meter, Charger Alternator Voltage and Speed(R.P.M) can be displayed by means of LCD	The parameter of Voltage, Current, Frequency, Battery voltage, Hour meter, Charger Alternator Voltage and Speed(R.P.M) can be displayed on LCD screen	It includes all the function of manual and auto control panel. Detect RPM of the gen-set, active power, power factor and so on.
Emergency stop pushbutton	Emergency stop push button	It also can detect main parameter, include main voltage, main frequency. Event and performance log

See your distributor for more information.

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