



Frequency : 50Hz
 Fuel Type : Diesel

COOL POWER GENSET

TECHNICAL DATA



Model CPP1375E
 Standby power 1100 KW / 1375KVA
 Prime power 1000 KW / 1250 KVA

Fuel consumption	Standby				Prime			
	kW (kVA)				kW (kVA)			
Ratings	1100(1375)				1000(1250)			
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	287	N.A	141	196	258

Engine	
Engine manufacturer	Perkins
Engine model	4012-46TWG2A
Configuration	60°Vee, 12Cylinder, 4 Cycle
Aspiration	Turbocharged
Gross engine power output -- kWm	1217
BMEP at set rated load -- kPa	1930
Bore -- mm	160
Stroke -- mm	190
Rated speed -- rpm	1500
Piston speed -- m/s	9.5
Compression ratio	13:1
Lube oil capacity -- L	177
Overspeed limit -- rpm	N/A
Regenerative power -- kWm	N/A
Governor type	Electrical
Starting voltage	24 Volts DC

Fuel flow	
Recommended fuel	ASTM NO.2-D
Governor type	Electrical
Max fuel transfer pump suction--(m)	2.498

Oil system	
Oil system capacity--(L)	177
Recommended oil	API CH4
Oil normal temperature--(°C)	95
Oil consumption at 100% load--(l/h)	1.29

Air	
Combustion air -- m3/min	109

Exhaust	
Exhaust flow--(m ³ /min)	235
Exhaust temperature--(°C)	422
Allowable restriction--(kPa)	5

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)	2 × Φ 250
-----------------------------	-----------

Standard set-mounted radiator cooling

Radiator and engine capacity--(L)	196
Fan power--(kW)	58
Fan Air flow--(m ³ /min)	1680
Coolant normal temperature--(°C)	71-85
Max water temperature--(°C)	98
Type of coolant	Glycol

Alternator

Alternator manufacturer	Stamford
Alternator model	PI734B
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)	2760
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)	2.69

Weights*

	Open	Enclosed
Unit wet weight kgs	10196	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	4770	2100	2380

Control Panel

Manual Control Panel:	Auto Control Panel:	Remote control Panel:
Manual start Voltage, Current, Frequency, Battery voltage, Hour meter, Charger Alternator Voltage and Speed(R.P.M) can be displayed by means of LCD Emergency stop pushbutton	Manual and auto start The parameter of Voltage, Current, Frequency, Battery voltage, Hour meter, Charger Alternator Voltage and Speed(R.P.M) can be displayed on LCD screen Emergency stop push button	All the parameter can display 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. It also can detect main parameter, include main voltage, main frequency. Event and performance log

See your distributor for more information.

COOLTECH POWER INTERNATIONAL PTE. LTD.
 Add: 22, Boon Lay Way, #01-64, Tradehub 21, Singapore 609968
 Tel: +65-67957003 Fax: +65-67957013
 Website: www.generators.com.sg

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.