



Frequency : 50Hz
 Fuel Type : Diesel

COOL POWER GENSET

TECHNICAL DATA

Model CPP330E

Standby power 264kW / 330kVA
 Prime power 240kW / 300kVA



Fuel consumption	Standby				Prime			
	kW (kVA)				kW (kVA)			
Ratings	264(330)				240(300)			
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	69.8	N.A	31.8	46.3	64.9

Engine

Engine manufacturer	Perkins
Engine model	1506A-E88TAG5
Configuration	4-Cycle; In-line; 6-Cylinder Diesel
Aspiration	Turbo charged and air to air Aftercooled
Gross engine power output -- kWm	307
BMEP at set rated load -- kPa	2555
Bore -- mm	112
Stroke -- mm	149
Rated speed -- rpm	1500
Piston speed -- m/s	7.4
Compression ratio	16.1:1
Lube oil capacity -- L	41
Overspeed limit -- rpm	N/A
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)	6.2

Oil system

Oil system capacity--(L)	41
Recommended oil	API-CD OR BETTER
Oil normal temperature--(°C)	120
Oil consumption at 100%	0.06

Air

Combustion air -- m ³ /min	17/18.3
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Exhaust

Exhaust flow--(m ³ /min)	45.1/50
Exhaust temperature--(°C)	≤574
Allowable restriction--(kPa)	10.0

Exhaust pipe diameter--(mm)	Φ76
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Standard set-mounted radiator cooling

Radiator and engine capacity--(L)	33.2
Fan power--(kW)	8
Fan Air flow--(m ³ /min)	370
Coolant normal temperature--(°C)	87-98
Max water temperature--(°C)	107
Type of coolant	Glycol

Alternator

Alternator manufacturer	Stamford
Alternator model	HCI444D
Control System	Self-excited
Insulation class	H
Temperature Rise	H
Rated Power Factor	0.8
Winding Pitch	Two Thirds
Voltage adjust scope	≥ ±5%
Weight--(kg)	940
A.V.R.	AS440
Protection	IP 23
Stator Winding	Double layer Concentric
Winding Leads	12
Voltage regulation	≤ ±1%
Bearing number	1
Cooling Air--(m ³ /sec)	0.8

Weights*

	Open	Enclosed
Unit wet weight kgs	2850	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	2866	1090	1760

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.
Emergency stop pushbutton	Emergency stop push button	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.

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