



Frequency : 50Hz
 Fuel Type : Diesel

COOL POWER GENSET

TECHNICAL DATA



Model **CPC330E**
 Standby power 240 kW / 300 kVA
 Prime power 264 kW / 330 kVA

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	75	17	31	46	63

Engine

Engine manufacturer	Cummins
Engine model	QSL9-G5
Configuration	4-Cycle; In-line; 6-Cylinder Diesel
Aspiration	Turbocharged and Charge Air Cooled
Gross engine power output -- kWm	310
BMEP at set rated load -- kPa	2785
Bore -- mm	114
Stroke -- mm	145
Rated speed -- rpm	1500
Piston speed -- m/s	7.2
Compression ratio	16.8:1
Lube oil capacity -- L	26.5
Overspeed limit -- rpm	1800 ±50
Regenerative power -- kWm	35
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)	26.5
Recommended oil	API-CD OR BETTER
Oil normal temperature--(°C)	121
Oil consumption at 100%	0.37

Air

Combustion air -- m ³ /min	20.4
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Exhaust

Exhaust flow--(m ³ /min)	52.8
Exhaust temperature--(°C)	≤560
Allowable restriction--(kPa)	10.2

Exhaust pipe diameter--(mm)	127
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Standard set-mounted radiator cooling

Radiator and engine capacity--(L)	53
Fan power--(kW)	10.8
Fan Air flow--(m ³ /min)	402
Coolant normal temperature--(°C)	82-93
Max water temperature--(°C)	104
Type of coolant	Glycol

Alternator

Alternator manufacturer	Stamford
Alternator model	HCI444D
Control System	Self Excited and Brushless
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	≤ ±10%
Bearing number	1
Cooling Air--(m ³ /sec)	0.8

Weights*

	Open	Enclosed
Unit wet weight kgs	3900	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	3380	1355	2087

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.

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