



Frequency : 50Hz
 Fuel Type : Diesel

COOL POWER GENSET

TECHNICAL DATA

Model **CPC2060E**
 Standby power 1648 kW / 2060 kVA
 Prime power 1500 kW / 1875 kVA



Fuel consumption	Standby				Prime			
	kW (kVA)				kW (kVA)			
Ratings	1648 (2060)				1500(1875)			
Load	1/4	1/2	3/4	Full	1/4	1/2	3/4	Full
US gph	29.5	50.2	71.3	95.1	34.3	55.5	76.6	107.1
L/hr	112	190	270	363	130	210	290	406

Engine

Engine manufacturer	Cummins
Engine model	QSK60-G3
Configuration	4-Cycle; 60° Vee; 16-Cylinder Diesel
Aspiration	Turbocharged and Aftercooled
Gross engine power output -- kWm	1790
BMEP at set rated load -- kPa	2379
Bore -- mm	159
Stroke -- mm	190
Rated speed -- rpm	1500
Piston speed -- m/s	9.5
Compression ratio	14.5:1
Lube oil capacity -- L	177
Overspeed limit -- rpm	2000 ± 25
Regenerative power -- kWm	N/A
Governor type	Electronic
Starting voltage	24 Volts DC

Fuel flow

Recommended fuel	ASTM NO.2-D
Governor Type	Mechanical
Max fuel transfer pump suction--(m)	0.9

Oil system

Oil system capacity--(L)	280
Recommended oil	API-CD OR BETTER
Oil normal temperature--(°C)	121
Oil consumption at 100% load--(l/h)	0.406

Air

Combustion air -- l/s	2255
Exhaust flow--(l/s)	5525
Exhaust temperature--(°C)	≤440

Allowable restriction--(kPa)	6.78
Exhaust pipe diameter--(mm)	Ø254×2
Standard set-mounted radiator cooling	
Radiator and engine capacity--(L)	442
Fan power--(kW)	33
Fan Air flow--(m ³ /min)	32
Coolant normal temperature--(°C)	82-93
Max water temperature--(°C)	104/100
Type of coolant	Glycol

Alternator

Alternator manufacturer	Stamford
Alternator model	PI734E
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	≥ ±6%
Weight--(kg)	3556
A.V.R.	MX321
Protection	IP 23
Stator Winding	DOUBLE LAYER LAP
Winding Leads	6
Voltage regulation	≤ ±10%
Bearing number	1
Cooling Air--(m ³ /sec)	2.69

Weights*

	Open	Enclosed
Unit wet weight kgs	15120	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	5750	2250	2849

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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