



Frequency : 50Hz
 Fuel Type : Diesel

COOL POWER GENSET

TECHNICAL DATA



Model **CPC2035E**
 Standby power 1628 kW / 2035 KVA
 Prime power 1488 KW/ 1860 KVA

Fuel consumption	Standby				Prime			
	kW (kVA)				kW (kVA)			
Ratings	1628(2035)				1488(1860)			
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	404	112	190	270	363

Engine	
Engine manufacturer	Cummins
Engine model	QSK60-G3
Configuration	60° Vee, 16 Cylinder, 4 Cycle
Aspiration	Turbocharged and Low Temperature Aftercooled
Gross engine power output -- kWm	1790
BMEP at set rated load -- kP	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	280
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)	N/a

Oil system	
Oil system capacity--(L)	280
Recommended oil	API-CE OR BETTER
Oil normal temperature--(°C)	121
Oil consumption at 100% load--(l/h)	1.8

Air	
Combustion air -- m3/min	135.3

Exhaust	
Exhaust flow--(m ³ /min)	331.5
Exhaust temperature--(°C)	440
Allowable restriction--(kPa)	6.8

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)	325
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Standard set-mounted radiator cooling

Radiator and engine capacity--(L)	442
Fan power--(kW)	45
Fan Air flow--(m ³ /min)	1938
Coolant normal temperature--(°C)	82-93
Max water temperature--(°C)	104
Type of coolant	Glycol

Alternator

Alternator manufacturer	Stamford
Alternator model	PI734E
Control System	PMG
Insulation class	H
Temperature Rise	H
Rated Power Factor	0.8
Winding Pitch	Two Thirds
Voltage adjust scope	≥ ± 10%
Weight--(kg)	3556
A.V.R.	MX321
Protection	IP 23
Stator Winding	Double layer Lap
Winding Leads	6
Voltage regulation	≤ ± 0.5%
Bearing number	1
Cooling Air--(m ³ /sec)	2.69

Weights*

	Open	Enclosed
Unit wet weight kgs	17000	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	2730

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.

COOLTECH POWER INTERNATIONAL PTE. LTD.
 Add: 22, Boon Lay Way, #01-64 Tradehub 21, Singapore 609968
 Tel: +65-6795 7003 Fax: +65-6795 7013
 Website: www.generators.com.sg