



AGG POWER SOLUTIONS CO., LTD  
 Jinshan Weiwen Industry Zone, Fuzhou, Fujian, China  
 Tel: +86-591-86396829 Fax: +86-591-86396929  
 www.aggpower.com Email: sales@aggpower.com

## DIESEL GENERATOR SET C1250D5 SPECIFICATION

MODEL	Power rating		Voltage available		
	PRIME(1)	STANDBY(2)			
C1250D5 400V/50Hz	908KW	1000KW	380/220v	400/230v	415/240v
PF:0.8	1135KVA	1250KVA			

### GENERAL INFORMATION

#### DIESEL GENERATOR SET

Model	C1250D5
Motor	Cummins KT38G9
Alternator	Stamford or Leroy Somer
Speed Control type	Electronically
Phase	Three
Fuel Tank Capacity	As Requested
System Voltage	24V
Frequency	50HZ
Engine coolant flow	19.6L/sec
Air intake flow	1309L/sec
Exhaust air flow	3540L/sec
Exhaust Temperature	529°C



### ENGINE

Maximum output(kw)	1089KW(50HZ)
Number of Cylinders	12
Aspiration	Turbocharged & Charge Air Cooled
Cycle	4
Fuel Type	Diesel
Combustion Type	Direct Injection
Cooling Type	Water cooled
Bore	159mm
Stroke	159mm
Displacement	37.8 L
Compression Ratio	13.9:1
Lubrication Capacity	114liter
Coolant Capacity	124liter

FUEL CONSUMPTION	1500 RPM
	L/hr
Standby Power(2)	256
Prime Power(1)	196
75% Prime Power(1)	137
50% Prime Power(1)	79

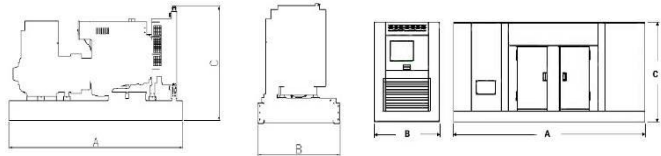
### Alternator

Insulation	Clase"H"
Excitation Type	Self-excitation or PMG
Protection class	IP23

DIMENSION	OPEN	SILENT
Length (A)	4400mm	ISO 20FT
Width (B)	2100mm	Container
Height (C)	2250mm	
Net Weight	7800KG	13500KG

### Certificates

Engine	ISO 3046,BS 5514,DIN 6271
Alternator	UTE NFC 51-111-105-110
	ICE34-1,BS 5000-4999
	NEMA MG 21,VDE 0530
Generator Set	ISO 8528



(1)Prime Power: ratings are as per DIN 6271,BS55114 and ISO-3046 with 10% overload capacity

(2)Standby Power: Power available at variable load for up to a max. of 500 hours during one year of which 300 hours may be for continuous use.

(3)Operation at Altitude ≤ 1500m, Ambient temperature ≤ 40°C).If altitude higher than 1500m, each 100m will cause additional de-rating 1%.

**Certificacion ISO 9001:2000**

