



DIESEL GENERATOR SET LG1513C6 SPECIFICATION

MODEL	Power rating		Voltage available		
	PRIME(1)	STANDBY(2)			
LG1513C6 480V/60Hz PF:0.8	1100KW 1375KVA	1210KW 1513KVA	208/120v 380/220v	220/127v 440/254v	240/139v 480/277v

GENERAL INFORMATION

DIESEL GENERATOR SET

Model	LG1513C6
Motor	Cummins KTA50G3
Alternator	STAMFORD OR LEROY SOMER
Speed Control type	Electronically
Phase	Three
Fuel Tank Capacity	N/A
System Voltage	24V
Frequency	60HZ
Engine coolant flow	33.7L/sec
Air intake flow	1840L/sec
Exhaust air flow	4295L/sec
Exhaust Temperature	475°C

ENGINE

Maximum output(kw)	1380KW(60HZ)
Number of Cylinders	#
Aspiration	Turbocharged & Charge Air Cooled
Cycle	4
Fuel Type	Diesel
Combustion Type	Direct Injection
Cooling Type	Water cooled
Bore	159mm
Stroke	159mm
Displacement	50.3 L
Compression Ratio	14.5:1
Lubrication Capacity	151liter
Coolant Capacity	161liter

FUEL CONSUMPTION	1800RPM
	L/hr
Standby Power(2)	330
Prime Power(1)	310
75% Prime Power(1)	291
50% Prime Power(1)	222

Alternator

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

DIMENSION	OPEN	SILENT
Length (A)	5000mm	
Width (B)	2080mm	40HQ
Height (C)	2290mm	
Net Weight	9281KG	20800KG

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

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