



## DIESEL GENERATOR SET LG825C5 / LG1000C6

### SPECIFICATION

MODEL		Power rating		Voltage available		
		PRIME(1)	STANDBY(2)			
LG825C5	400V/50Hz	600KW	660KW	380/220v	400/230v	415/240v
	PF:0.8	750KVA	825KVA			
LG1000C6	480V/60Hz	740KW	800KW	208/120v	220/127v	240/139v
	PF:0.8	925KVA	1000KVA	380/220v	440/254v	480/277v

### GENERAL INFORMATION

#### DIESEL GENERATOR SET

Model	LG825C5 / LG1000C6	
Motor	Cummins KT38G2	
Alternator	Stamford or Leroy Somer	
Speed Control Type	Electronical	
Phase	Three	
Fuel Tank Capacity	N/A (Open Type) 660L/174Gallon (ISO20FT Containerized)	
System Voltage	24V	
Frequency	50HZ	60HZ
Engine Coolant Flow	19.6L/sec	24.6L/sec
Air Intake Flow	920L/sec	1369L/sec
Exhaust Air Flow	2634L/sec	3679L/sec
Exhaust Temperature	552°C	502°C

#### ENGINE

Maximum output(kw)	731KW(50Hz) / 895KW(60Hz)
Number of Cylinders	12
Aspiration	Turbocharged & Aftercooled
Cycle	4
Fuel Type	Diesel
Combustion Type	Direct Injection
Cooling Type	Water Cooled
Bore	159mm
Stroke	159mm
Displacement	37.8L
Compression Ratio	14.5:1
Lubrication Capacity	114L
Coolant Capacity	118L

#### Alternator

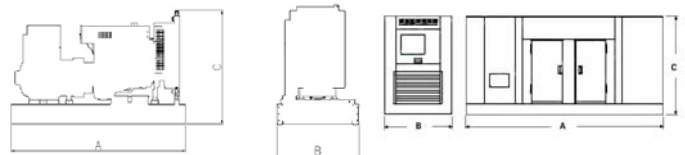
Insulation	Clase"H"
Excitation Type	Self-excitation or PMG
Protection class	IP23

#### 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

FUEL CONSUMPTION	1500 RPM	1800RPM
	L/hr	L/hr
Standby Power(2)	184	225
Prime Power(1)	167	204
75% Prime Power(1)	128	157
50% Prime Power(1)	90	111

DIMENSION	OPEN	SILENT
Length (A)	4440mm	6058mm
Width (B)	1750mm	2438mm
Height (C)	2430mm	2591mm
Net Weight	6950KG	9230KG



(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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