

GSP (Green Super Power) generator sets are fully integrated power generation systems providing optimum performance, reliability and versatility for standby and prime power application.

OPERATION	GENSET POWER		Maximum Current (A)	VOLTAGE	FREQUENCY	Dimensions (mm)			Weight (KG)
	KVA	KW				L	W	H	
STAND BY	125	100	180	230/400	50 Hz	2900	1130	1600	2350
PRIME	113	90							



Engine

Maker	Cummins	Frequency regulation, steady rate	≤1%
Model	6BTA5.9-G2	Governor	Electronic
Cylinder/Arrangement	6 L	Cooling System	Water
Displacement	5.9	Exhaust Temp (°C)	570
Bore and Stroke	102 x 120	Engine Oil Capacity	16.3 L
Compression Ratio	17.3 : 1	Coolant Capacity	10 L
Rated Speed	1500 rpm	Fuel Cons-pt (100%) load @ Prime rating	25
Engine Air Flow	N/A	(75 %)load	18.8
Exhaust Back Pressure	76 mmHg	(50 %) load	12.5

Green Super Power Co., Ltd.

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Alternator

Maker	Stamford (UCI274D)	No of Pole	4
No of Phase Power	3	No of Bearing	1
Power Factor	0.8	Coupling	Direct
Exciter Type	Brushless SHUNT	Insulation class	H
Protection	IP 23	Temperature Rise	H

Control Panel

The **DSE 6020** was made in UK by Deep Sea Electronics. The module was used to monitor a main supply, start and stop operation, engine performance, alternator performance, AC power output, fuel consumption via Micro-processor for generation set. Easy push button operation with LED display which can show as following features:



Generator Voltage (L-L/L-N)

Frequency (Hz)

Ampere (L1, L2, L3)

Engine Running Hr

Generator History tracking for faults

And many more features.

Oil Pressure

Power rating (KW/KVA)

Battery Voltage

Fuel Consumption

Alarms System

Warranty: GSP provides extensive warranty services and plan for our value customers in Myanmar. You can expect fair and consistent support from GSP. Our standard warranty is 1 year or 1500 running hours after purchase whichever is earlier.

Prime Power: Power available at variable load factor not exceeding 80% of the prime power rating. Overload of 10% is permitted for 1 hour in every 12 hours operation.

Standby Power: Power available in the event of a main power failure up to a maximum of 500 hours per year of which up to 300 hours may be run continuously. Load factor may be up to 100% of standby power. No overload is permitted.

P.S:

All information in this document is substantially correct at the time of printing and may be altered subsequently.

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