

**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	175	140	253	230/400	50 Hz	3200	1130	1700	2430
PRIME	160	128							



**Engine**

Maker	Cummins	Frequency regulation, steady rate	≤1%
Model	6CTA8.3-G2	Governor	Electronic
Cylinder/Arrangement	6 L	Cooling System	Water
Displacement	8.3	Exhaust Temp (°C)	563
Bore and Stroke	114 x 135	Engine Oil Capacity	23.8 L
Compression Ratio	17.3 : 1	Coolant Capacity	12.3 L
Rated Speed	1500 rpm	Fuel Cons-pt (100%) load @ Prime rating	40
Engine Air Flow	206 L	L/hr (75 %)load	30
Exhaust Back Pressure	76 mmHg	(50 %) load	20

**Green Super Power Co., Ltd.**

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 Email: sales@gsp.com.mm

### **Alternator**

Maker	Stamford (UCI274F)	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)**

**Oil Pressure**

**Frequency (Hz)**

**Power rating (KW/KVA)**

**Ampere (L1, L2, L3)**

**Battery Voltage**

**Engine Running Hr**

**Fuel Consumption**

**Generator History tracking for faults**

**Alarms System**

**And many more features.**

**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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