

**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	1000	800	1443	230/400	50 Hz	5800	2100	2500	12000
PRIME	909	727							



**Engine**

Maker	Cummins	Frequency regulation, steady rate	≤1%
Model	KTA38-G2A	Governor	Electronic
Cylinder/Arrangement	12 V	Cooling System	Water
Displacement	37.8	Exhaust Temp (°C)	536
Bore and Stroke	159 x 159	Engine Oil Capacity	135 L
Compression Ratio	14.5 :1	Coolant Capacity	118 L
Rated Speed	1500 rpm	Fuel Cons-pt (100%) load @ Prime rating	191
Engine Air Flow	112 L	L/hr (75 %)load	143.3
Exhaust Back Pressure	10 kPa	(50 %) load	95.5

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

No. (74), Corner of Aung Chan Thar Road and Aung Chan Thar (4) Street, Hlaing Thar Yar Industrial Zone (7), Yangon.

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### Alternator

Maker	Stamford (LVI634D)	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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