

**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	1650	1320	2381	230/400	50 Hz	40 HQ			16000
PRIME	1500	1200							



**Engine**

Maker	Cummins	Frequency regulation, steady rate	≤1%
Model	KTA50-G8	Governor	Electronic
Cylinder/Arrangement	16 V	Cooling System	Water
Displacement	50.3	Exhaust Temp (°C)	
Bore and Stroke	159 x 159	Engine Oil Capacity	204 L
Compression Ratio		Coolant Capacity	240 L
Rated Speed	1500 rpm	Fuel Cons-pt (100%) load @ Prime rating	330
Engine Air Flow		(75 %)load	247.5
Exhaust Back Pressure		(50 %) load	165

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

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Email: sales@gsp.com.mm

**Alternator**

Maker	Stamford (PI734C)	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)**
- Powerrating (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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