

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	1375	1100	1984	230/400	50 Hz	40 HQ			15000
PRIME	1250	1000							



Engine

Maker	Cummins	Frequency regulation, steady rate	≤1%
Model	KTA50-G3	Governor	Electronic
Cylinder/Arrangement	16 V	Cooling System	Water
Displacement	50.3	Exhaust Temp (°C)	529
Bore and Stroke	159 x 159	Engine Oil Capacity	177 L
Compression Ratio	13.9 : 1	Coolant Capacity	152 L
Rated Speed	1500 rpm	Fuel Cons-pt (100%) load @ Prime rating	261
Engine Air Flow	50.5 L/min	(75 %)load	195.8
Exhaust Back Pressure	10 kPa	(50 %) load	130.5

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.
 Ph.01-9648144 (Hot Line), 01-9648145-6, 09-5085631

Email: sales@gsp.com.mm

Alternator

Maker	Stamford (LVI634G)	No of Pole	4
No of Phase	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**
 - Oil Pressure**
 - Power rating (KW/KVA)**
 - Battery Voltage**
 - Fuel Consumption**
 - 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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