

Worried about **POWER CUTS ?**

Still using Old system like **DG set/Lead Acid ??**

We have best solution for **POWER CUTS** for you

	 LITHIUM BATTERY	 DG SET	 LEAD AND BATTERY
FUEL/ RUNNING COST	✓ Zero fuel cost	✗ High Diesel Cost	✓ Low, but less efficient
LIFE SPAN	✓ 8-10 year	✗ 5-7 year	✗ 2-3 year
CHARGE/ START TIME	✓ Fast charging (1-3 hrs)	✗ Slow Start-up	✗ Slow Charging (8-10 hrs)
EFFICIENCY	✓ >95%	✗ ~35-40%	✗ ~70%
MAINTENANCE	✓ Zero maintenance	✗ Frequent servicing	✓ Requires water topping
NOISE & POLLUTION	✓ Silent & Clean	✗ Noisy polluting	✓ Silent but lead disposal
WEIGHT & SIZE	✓ Lightweight compact	✗ Bulky	✗ Heavy
DEPTH OF DISCHARGE	✓ Upto 90-95%	✗ Limited	✗ Only ~50% usable
ECO-FRIENDLY	✓ Yes	✗ Partial (Toxic Lead)	✗ No
OVERALL COST	✓ Lowest	✗ Highest	✗ Medium but High replacement

Power your Project with Grace Lithium Ion Battery/System

 **Grace Renewable Energy Ltd.**

INDIA • CHINA • USA

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Model	GRE12.8V100AH	GRE25.6V100AH	GRE48V100AH	GRE51.2V100AH	GRE96V100AH	GRE51.2V230AH
Specification	12.8V 100Ah	25.6V 100Ah	48V 100Ah	51.2V 100Ah	96V 100Ah	51.2V 230Ah
Combination	4S1P	8S1P	15S1P	16S1P	30S1P	16S1P
Capacity	1.28KWh	2.56KWh	4.8KWh	5.12KWh	9.6KWh	11.77KWh
Standard discharge current	50A	50A	50A	50A	50A	115A
Maximum discharge current	100A	100A	100A	100A	100A	115A
Working voltage range	12.6-13.8VDC	25.2-27.6VDC	47.25-51.75VDC	50.4-55.2VDC	84-109.5VDC	50.4-55.2VDC
Nominal voltage	12.8V	25.6V	48V	51.2V	96V	51.2V
Maximum charging current	50A	50A	50A	50A	50A	115A
Maximum charging voltage	13.8VDC	27.6VDC	51.75VDC	55.2VDC	109.5VDC	55.2VDC
Cycles	3000-6000 cycles at 80% DOD					
Operating temperature	0 to 50 degrees					
Cooling method	Natural air cooling					
Installation	Rack type					
Protection level	IP20					
Size (LxWxH) mm	120x180x185	230x180x185	455x450x185		600x570x255	581x560x250
Weight (Kg)	10.5	21	50		95	117
Com Ports	RS485/CAN	RS485/CAN	RS485/CAN		RS485/CAN	RS485/CAN

*Voltage, capacity, size/color customization, OEM/ODM services can be provided according to customer needs



GRE12.8V100AH



GRE25.6V100AH



GRE51.2V100AH



GRE96V100AH



GRE48V100AH



GRE51.2V230AH



GRE51.2V300AH

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