

Low Voltage Battery Energy Storage

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BESS All in One Solutions

- MAX 15PCS PARALLEL
- MODULAR
- COMMUNICATION
- OEM/ODM



WHY GRACE LOW VOLTAGE BESS?

- High-performance LFP cells with long life
- High usable depth of discharge
- Compact design for wall mount installation

TYPICAL APPLICATIONS

- Residential Solar Storage
- Small & Medium Commercial Buildings
- Farm house
- Hotels / Resorts

Grace
BESS

Low Voltage Battery Energy Storage (BESS All in One Solutions)

MODEL	GB01KVA	GB02KVA
Capacity (VA)	1100	2000
Full Load (W)	800	1600
DC Voltage (V)	12.8	25.6
Battery Type	LFP 1280 WH (12.8V100Ah)	LFP 2560 WH (25.6V100Ah)
Input:		
Input Voltage Range Inverter (V)	100-290	
Input Voltage Range UPS (V)	180-270	
Frequency	50 HZ+/-2Hz	
Transfer Time UPS Mode	<10 MS	
Output:		
Output Voltage (V)	230	
Frequency (Hz)	50	
Waveform	Pure Sine Wave	
Battery Charging (A)	15	
Weight (Kg) Approx.	24	38
Dimension (LxWxH) (Mm)	275 x 230 x 225	300 x 250 x 400
Protections	Overload, Under voltage, Over voltage, Battery low, Overcharge, Over temperature	
Enviromental & Operating Conditions:		
Charging Temperature Range	0°C to 55°C (Recommended ≤50°C)	
Discharging Temperature Range	-20°C to 55°C	
Relative Humidity	<85% RH, non-condensing	
Storage Temperature	-10°C to 45°C (Recommended)	
Cooling	Natural / forced air cooling, ensure proper ventilation	
Operating Altitude (Mm)	<2000 (derating above this)	
IP Rating	IP20 (indoor use)	