

- 51.2V 100Ah LiFePO4 Battery Powerwall
- 100A Charge & Discharge Current
- Max 8 units in Parallels to get 40.96kwh
- Compitable with Numerous Inverter Brands
- Wall-mounted / on the floor

Powerwall Battery ES-BOX2 5.12KWH



Cover

Exploded view

Positive & Negative Port

Outlet Holes 00000

Bracket

Shelf Base Frame

Screws

Indicator

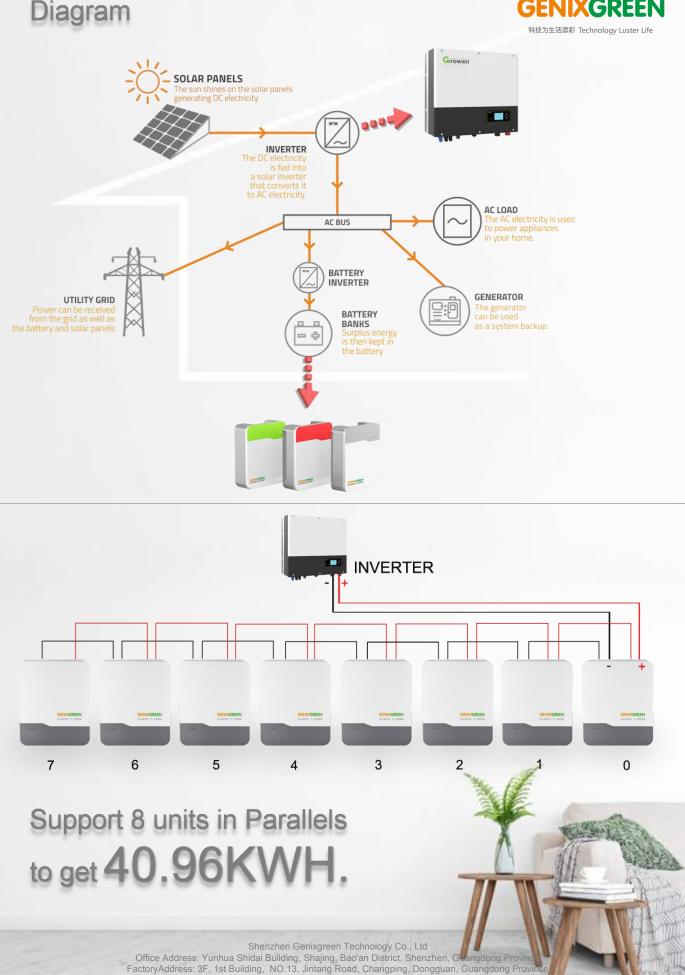
Prismatic Battery Pack

BMS

Sheet Metal Enclosure

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GENIXGREEN

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ES-BOX2 5.12KWH POWERWALL BATTERY

Mod	del	E	ES-BOX2 5.	.12KWH	
Battery Type			LiFePO4		
Energy			5120Wh		
Rated Capacity			100Ah		
Rated Voltage			51.2V		
Battery cell		3.2V 10	3.2V 100Ah Pirsmatic Battery Cell		
Configuration (*S*P)			16S1P		
Disharge Cut-off Protect Voltage			40V		
Charge Cut-off Protect Voltage			58.4V		
Max. Charge Current			100A		
Max. Discharge Current			100A		
Communication Port			CAN, RS485		
Compitable Inverter Brand			SMA, Growatt, Solax, Solis,DEYE,Sungrow, Sofar, Voltronic, Sorotec, Studer, etc.		
Parallel		Max. 8 units	Max. 8 units in Parallels to get 40.96kWh.		
Cycle life		8	80% DOD 5000 times		
L*W*H (mm)			600*510*173		
Net Weight (KG)			63.5KG		
Cooling			Natural cooling		
Environment			Indoor		
Mounting options			Wall mount		
Discharge Temperature (°C)			-10°C~+60°C		
Charge Temperature (°C)			0°C~+45°C		
Storage Conditions		Up to	 –20° C to 30° C (–4° F to 86° F) Up to 95% RH, non-condensing State of Energy (SoE): 25% initial 		
Maximum Elevation			3000 m (9843 ft)		
Compitable inverter Brand:					
SUNGROU Green and Effective	Growatt	SOLIS inverters	SOROE Power Solutions		
SØFAR	Deye ॡ≭	• • • • • Voltronic Power		sour engine ,etc.	

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