



POWERWALL ENERGY STORAGE SYSTEM

Model	BND-WMLV143D(160D)	
Main Parameter		
Battery Chemistry	LiFePO ₄	
Capacity(Ah)	280/314	
Scalability	Max.16pcs in Parallel	
Nominal Voltage(V)	51.2	
Operating Voltage(V)	43.2-57.6	
Energy(KWh)	14.3/16.0	
Charge/	Recommend	100
Discharge	Max.	200
Current(A)	Peak	220(30s,25°C)
Dimension(mm)	400*260*820	
Weight	Approximate(kg) ≈120	
Master LCD Indicator	6LED(SOC:20%-SOC100%),3LED(working,alarming,mos),LCD	
IP Rating of Enclosure	IP21	
Operating Temperature	Charge:0~+55°C/Discharge:-20°C~+55°C	
Storage Temperature	0°C~+35°C	
Humidity	5%~95%	
Altitude	≤2000m	
Cycle Life	≥6000(25°C±2°C,0.2C/0.2C,70%EOL)	
Installation	Wall-Mounted/Floor standing	
Communication Port	CAN,RS485,RS232	
Warranty Period	5years	
Certification	UN38.3,CE	



BND-WMLV143D(160D)

- Lithium iron phosphate batteries are highly safe, have a service life of up to ten years, and have high power
- Multiple battery modules can be connected in parallel to expand capacity and power.
- Compatible with multi-brand Inverter communication.
- With WiFi module, Bluetooth module, Ip65
- The four-wheel design facilitates mobility, the product modules are safe and reliable, and they are pollution-free.