

48V SERIES

100 – 200AH

WALL MOUNTED TYPE

LITHIUM ENERGY STORAGE

Offer up to 100% depth of discharge

Modular system design, easy expandable

Operates at unparalleled 98% efficiency for more than 5000 cycles

Proprietary architecture and integrated Battery Manage System(BMS)



Voltage	48V	48V	48V
Combination	15S2P	15S3P	15S4P
Capacity	100AH	150AH	200AH
Energy	4.8 kWh	7.2 kWh	9.6 kWh
Weight	58kg	75kg	95kg
Chemistry	Lithium Ferro Phosphate (Lifepo4) Safest Lithium Ion, No fire risk		
BMS	Built - in Battery Management System		
Connectors	Waterproof connector		
Dimension	680*485*180mm		
Cycles (80% DOD)	6000 cycles		
Depth of discharge	Up to 100%		
Life time	10 years		
Standard charge	20A		
Standard discharge	20A		
Maximum continuous charge	100A		
Maximum continuous discharge	100A		
Operation temperature	Charge: 0-45°C, Discharge: -20~55°C		
Storage Temperature	Keep at -20 to 65°C		
Protection standard	IP21		
Cutoff voltage	42V		
Max.charging voltage	54V		
Memory effect	None		
Maintenance	Maintenance free		
Compatibility	Compatible with all standard off-grid inverters and charge controllers. Battery to inverter output sizing keep 2:1 ratio.		
Warranty Period	10 Years		
Remarks	This 48V wall battery BMS must be wired in parallel only. Wiring in series will void the warranty. Allow max. 14 units in parallel to expand more capacity.		