

TB5120 Plus



Home



Adapt 99%



Battery

Main Features

- New material new technology.
- Compatible with 80% solar inverters.
- Long lifespan, 6000 cycles.
- 5 years warranty.
- Warranty expires, enjoy trade-in discount.



Energy Storage Li-ion Battery

Mode	TB5120 Plus
Ultra Slim LiFePO4 Battery	
Nominal Capacity	5.12kWh
Usable Capacity	4.86kWh (95% DOD)
Installation Type	Wall Mounted
Battery type-Chemistry	LiFePO4
Nominal Voltage	51.2V
Nominal Capacity	100Ah
Energy Density	5120Wh
Charging rate	1C
Discharge rate	1.5C
Dimensions(LxWxH)	780*630*68mm
Weight(Approx.)	49kgs
Working Voltage	43.2 ~58.4Vdc
Max. Charge Current	100A
Max. Discharge Current	150A
Communication Port	RS485, CAN, DRY CONTACT, RS232
Storage Temperature	-10°C~35°C (Recommended)
Working Temperature	Charging: 0°C ~ 50°C Discharging: -20°C ~ 60°C
Working Humidity	≤95% (RH) No Condensation
Storage Humidity	≤85% (RH)
Working Altitude	≤2000m
Ingress Protection	IP54
Design Life	10 Years (25°C)
Cycle Life	> 6000 (25°C) , 60% EOL
Scalability	Module: Max. 16 in parallel (Capacity 81.92kWh)
Certification	CE, IEC62619, UN38.3 (upcoming)