



WALL MOUNT Battery Pack



LITHIUM ION BATTERIES
For Home/Industrial ESS



This CTG Wall Mount battery pack is applicable for residential and commercial energy storage system, which is assembled with 3.2V 50Ah lithium iron phosphate cell in 16S1P configuration, and intelligent BMS form 51.2V50Ah lithium battery system.

Each pack support 16packs in parallel to easily expand capacity. Do not mix parallel the battery packs of different brands or models.



Features:

- 2.56kWh capacity
- Scalable to 16 parallel
- Smart BMS (LED Display screen)
- Easy installation
- CAN/RS485 communication
- High voltage



High Efficiency



High Voltage



Easy Installation



Expandable system



Smart BMS

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ITEM	SPECIFICATION
Configuration	IP165
Working Voltage(V)	43.2V ~ 58.4V
Nominal Voltage(V)	51.2 V
Nominal Capacity(AH)	50 AH
Rated energy(KWH)	2.56 KWH
Rate charge/discharge current	50A @25+- 2 degrees
Max Charging Current	50 A @25+- 2 degrees
Max Discharging Current	50 A @25+- 2 degrees
Weight	Approx. 29 kg
Communication mode	CAN & RS485
IP grade	IP 21
Dimensions (LxWxH)	490mm x 380mm x 158mm
Altitude	0 ~ 3000m
Humidity Range	5 ~ 80%
Design Life	+/- 15 Years
Cycle Life @ 1C	4500 cycles @25, 25A current 70%, capacity 80% DOD
Warranty	10 Year Warranty/4500 cycles. Ts & Cs Apply
Certification	ISO IEC 62620, Bureau of Indian Standards
Working Temperature	0 ~ 55(charge) & -20 ~ 55(Discharge)
Storage Temp. & humidity	-10 ~ 35(in 1 month storage) & 25+-2(in 3 months storage)

