



### 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 104Ah lithium iron phosphate cell in 16S1P configuration, and intelligent BMS form 51.2V104Ah lithium battery system.

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



### Features:

- 5.12kWh 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



ITEM	SPECIFICATION
Configuration	IP165
Working Voltage(V)	43.2V ~ 58.4V
Nominal Voltage(V)	51.2 V
Nominal Capacity(AH)	100 AH
Rated energy(KWH)	5.12 KWH
Rate charge/discharge current	50A @25+- 2 degrees
Max Charging Current	100 A @25+- 2 degrees
Max Discharging Current	150 A @25+- 2 degrees
Weight	Approx. 45 kg
Communication mode	CAN & RS485
IP grade	IP 21
Dimensions (LxWxH)	580mm x 380mm x 188mm
Altitude	0 ~ 3000m
Humidity Range	5 ~ 80%
Design Life	+/- 15 Years
Cycle Life @ 1C	4500 cycles @25, 50A 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 ~ 40(charge) & -20 ~ 40(Discharge)
Storage Temp. & humidity	-10 ~ 35(in 1 month storage) & 25+-2(in 3 months storage)

