



### 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** lithium iron phosphate cell , and intelligent BMS form **51.2V** series 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:

- 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

[www.ctgeyil.com](http://www.ctgeyil.com)



ITEM	SPECIFICATION	
Configuration	16S1P	16S1P
Nominal Voltage(V)	51.2V	
Nominal Capacity(AH)	50Ah	100Ah
Operating Voltage(V)	43.2V - 58.4V	
Rated energy(KWH)	2.56 KWH	5.12 KWH
Rate Charge current	50A @25+- 2 degrees	
Rate Discharge current		
Max Charge Current	50A @25+- 2 degrees	100 A @25+- 2 degrees
Max Discharge Current		150 A @25+- 2 degrees
Communication mode	CAN & RS485	
Weight (Approx. in Kg)	29 Kg	45 Kg
IP grade	IP 21	
Dimensions (L*W*H in mm)	490*380*158	580*380*188
Cycle Life	4500 cycles @25, 50A current 70%, capacity 80% DOD	
Warranty	10 Year Warranty/4500 cycles. Ts & Cs Apply	
Working Temperature	0 ~ 55(charge) & -20 ~ 55(Discharge)	
Storage Temp. & humidity	-10 ~ 35(in 1 month storage) & 25+-2(in 3 months storage)	