



# CTG EYIL

DataSheet  
CTG S 51.2V 100Ah

## STACK MOUNT Battery Pack



LITHIUM ION BATTERIES  
For Home/Industrial ESS

# CTG EYIL

This CTG Stack 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

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ITEM	SPECIFICATION
Configuration	16S1P
Nominal Voltage(V)	51.2V
Nominal Capacity(AH)	100Ah
Operating Voltage(V)	43.2V ~ 58.4V
Rated energy(KWH)	5.12 KWH
Rate discharge current	50A @25+- 2 degrees
Rate charge current	
Max Charge Current	100A @25+- 2 degrees
Max Discharge Current	150 A @25+- 2 degrees
Communication mode	Bluetooth
Weight (Approx. in Kg)	45 Kg
IP grade	IP 21
Dimensions (L*W*H in mm)	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 ~ 40(charge) & -20 ~ 40(Discharge)
Storage Temp. & humidity	-10 ~ 35(in 1 month storage) & 25+-2(in 3 months storage)