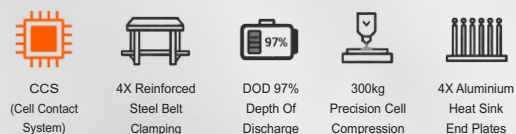
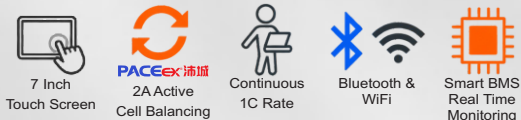


 **HYPER**CELL

HYPER NEO 2.0

LiFePO₄
Lithium Battery

POWER TODAY.
SUSTAIN TOMORROW.



CE UN38.3 MSDS IP40  ROHS



SMARTER. STRONGER. SAFER.

BUILT FOR PERFORMANCE.
ENGINEERED TO LAST.

HYPERCELL

HYPER NEO 2.0

LiFePO4 Lithium Battery

51.2V

NOMINAL VOLTAGE

100Ah

CAPACITY

5120Wh

ENERGY

KEY FUNCTIONS



7 Inch
Touch Screen



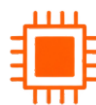
2A Active
Cell Balancing



Continuous
1C Rate



Bluetooth &
WiFi



Smart BMS
Real Time Monitoring



CCS
(Cell Contact System)



4X Reinforced Steel
Belt Clamping



DOD 97%
Depth Of Discharge



300kg Precision
Cell Compression



4X Aluminium
Heat Sink End Plates



Storage



Cell
Capacity



Small Shift



Shunt Release /
Trip Device



Charging Current
Limiting - CCL



Dry Contacts



Heater



Buzzer



Reverse-Polarity
Protection



Weak-Current
Switch



Light-Strip
Interface



Dial Switch



Sampling
Socket



Barcode /
QR Code



Communication
Method



Firmware Upgrade
Method



Manual and Automatic
Address Coding



LED and Light-Bar
Function Selection

PRODUCT SPECIFICATIONS

Case Design	Floor Standing / Wall Mount	Charging/Discharging Temperature	-10-65°C/-25-65°C
Battery Type	LiFePO4	Wi-Fi/Bluetooth	Built-in
Nominal Battery Voltage (Volt)	51.2V/51.2V	Storage Temperature	-25°C-75°C
Nominal Capacity (Ah)	100Ah	IP Degree	IP40
Nominal Capacity (Wh)	5120Wh	Storage Duration	3 Months at 25°C
Standard Charge Voltage / Power	56.0V/5600W	Safety Standard	UN38.3, MSDS
Operation Voltage Range	44.8-58.4V	Communication Port (Optional)	RS485, RS232, CAN
Max Continuous Discharge Current	100A		
Parallel Function	Support 16 Units in Parallel		
Max Continuous Charge Current	100A		
Cycle Life	6000 Cycles		
Cycle Life at 25 °C	(80% DOD) 6000-8000 Cycles		



CE UN38.3 MSDS IP40 ROHS

PROTECTION FEATURES

- S Single Over-Charge Protection
- S Individual Over-Discharge Protection
- S Total Voltage Over-Charge Protection
- T Total Voltage Under-Voltage Protection
- S Charging Over-Current Protection
- S Discharge Over-Current 1 Protection
- 00 Short-Circuit Protection
- D MOS Over-Temperature Protection
- D Cell Temperature Protection
- HO Environmental Temperature Protection
- D Self-Consuming Current
- 05 Capacity Default Settings
- 05 Sleep Function
- HU Cell Failure Protection
- H Full Cut-Off Parameter

DIMENSIONS & WEIGHT



560 x 480 x 150 mm

50.7 kg

(Including 1.7KG wall bracket)