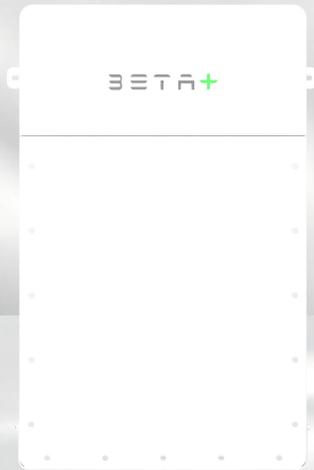


## SMART ENERGY STORAGE SYSTEM

Reliable Liquid Cooling

LV 5.12KWh

iTemp



### KEY FEATURES

 **Bluetooth**  
(Optional)



#### IP68 Rating

Fearless of outdoor installation, strong environmental adaptability.



#### Flexible Investment

Supports up to 128 units in parallel, with a total capacity of up to 655.36 kWh.



#### Smart Technology

Wide temp range design, -30°C~60°C stable operation, internal temp difference <1°C



#### Safe & Reliable

Full aluminum alloy casing. Reliable Liquid Cooling. Optimized cycle life exceeds 8000 cycles for long-lasting reliability.



#### Multiple Install Method

Support wall-mount, floor-mount, stack-mount, rack-mount, saves space



#### Eco-friendly

The whole module is non-toxic, non-polluting and environmentally friendly.

Model		iTemp
<b>Main Parameter</b>		
CellChemistry		LiFePO4
Module Energy(kWh)		5.12
Module Nominal Voltage (V)		51.2
Module Capacity(Ah)		100
Battery Module Qty in parallel. (Optional)		1-128
System Nominal Voltage (V)		51.2
System Operating Voltage (V)		43.2~57.6
System Energy (kWh)		5.12~655.36
System Usable Energy(kWh)		5~640
Charge/Discharge Current (A)	Recommend	50
	Max	100
	Peak (2 s,25°C)	105
Working Temperature(°C)		Charge: -20~55/Discharge:-30~60
Display		LED indicator
Communication Port		CAN2.0/RS485
Humidity		5~85%RH
Altitude		≤3000m (Derating above 2000m)
IP Rating of Enclosure		IP68
Dimension (W/D/H,mm)		440*520*134
Weight Approximate (kg)		68
Installation Location		Rack Mount, Wall Mount, Stack Mount, Floor Mount
Storage Temperature(°C)		0~ 35
Recommend Depth of Discharge		90%
Cycle Life		25±2°C, 0.5C/0.5C, EOL70%≥8000
Warranty		10years
Certification		CE/IEC62619/ MSDS/ UN38.3

- 1 DC Usable Energy, test conditions: 90% DOD, 0.5C charge & discharge at 25°C. System usable energy may vary due to system configuration parameters.
- 2 The current is affected by temperature and SOC.
- 3 The warranty is due whichever reached first of warranty period or life cycle power.