

# Commercial and Industrial Smart Energy Storage System

## ESS 60kWh&120kWh

- Higher Safety Protection
- Intelligent Built-in BMS
- Faster Dis/Charging Speed



**6000**

Cycle Life@25°C



**Solid-State**

LFP Battery Cells



**53Ah**

single battery



**1C**

Discharging Rate



**Increase 8%**

Energy Density

## Technical Specifications



Product Type	120kWh Pack
Total Energy*	129.6kWh
Battery Capacity	53Ah*2
Max.recommended DOD	93%
Voltage Range	576-672Vd.c
Nominal Voltage	614.4Vd.c
Nominal Dis/charging Current	200A/200A
Max. Charge Voltage	672Vd.c
Weight( N.W.)	1508kg(undertermind)
Dimension(mm)(L*W*H)	1500*850*2045mm
Operating Condition	Indoor&Outdoor(With Shelter)
Operating Temperature	-20-55 C
WIFI Frequency Range	2400MHz-2483MHz
Humidity	<60%(No condensed water)
Over Voltage Category	II
Cooling Type	Natural cooling
Installation	Ground mounted
IP rating	IP55
Protective Class	I
Max. Connection Number	12S2P
Communication	CAN/ RS485
Protection Mode	Hardware&software protection
Battery Protection	Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature
Safety	Cell UL TUV CE/TUV
Hazardous Material Classification	9
Transportation	UN 38.3
Product Warranty	10 years warranty All information contained in this document is subject to change without notice 1)For better battery life cycles,we suggest charge in 50A(0.5C @25°C) 2)For better battery life cycles,we suggest discharge in 50A(0.5C @25°C)

Testing conditions based on temperature 25°C at the beginning of life.

\*Total Energy/Usable Energy measured under specific conditions from 0.2C CC-CV.