

Residential BESS

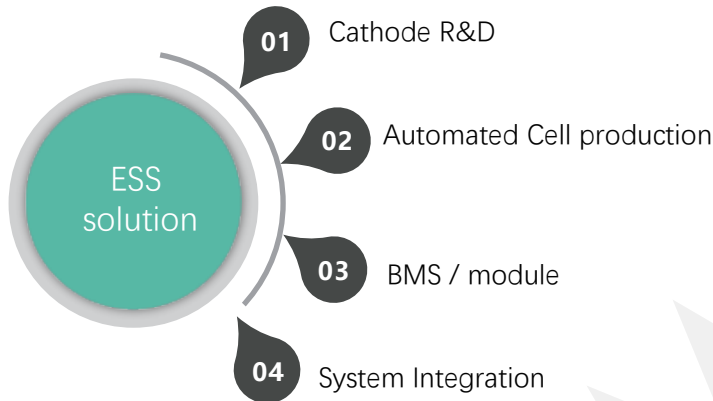
US & UF Series

Powercube X Series

-  **Safety and Reliability**
Ensured by self-designed and manufactured cell, modules and BMS
-  **Optimal Electricity Cost**
Long cycle life and superior performance
-  **Compact Size & Easy Installation**
Module design for quick installation
-  **Easy to Scale Up**
Multi-groups in parallel to expand the capacity.
-  **Compatibility**
Compatible with Top inverter brands



Vertical industry integration chain only **FOCUS** on Energy Storage with more than **3.0 GWh** serving **200,000+** users Globally



Super Controllability

- Vertically Production Chain
- Reliable Supply
- Reliable Safety & Quality
- Extraordinary Performance

Advantage



Compact Size for Space Saving



Reliable Performance



Vertical industrial Chain



95% DOD with more usable capacity



10+ years technical proven



Modular design for expansion



Superior low failure rate



Life span for 10+years

With most care to your Safty

Most international safety standard had been done for the cells,module and system

Specification

Basic Parameters	UF5000
Nominal Voltage (Vdc)	51.2
Nominal Capacity (Wh)	5120
Usable Capacity (Wh)	4864
Depth of discharge (%)	95
Dimension (mm)	442*452.6*161
Weight (Kg)	42
Discharge Voltage (Vdc)	45.6~56.8
Charge Voltage (Vdc)	56~56.8
Recommended Charge/Discharge Current (A)	100
Max. continuous Charge/Discharge Current (A)	100
Peak Charge/Discharge Current (A)	105-119@15min 120~200@15sec
Communication	RS485, CAN
Configuration (max. in 1 battery group)	20pcs
Working Temperature	-10°C ~ 55°C
Storage Temperature(°C)	-20°C ~ 60°C
Short current/duration time	<2000A/1ms
Cooling type	Natural
Protective class	I
IP rating of enclosure	IP20
Humidity	5% ~ 95%(RH) No Condensation
Altitude(m)	≤4000
Certification	IEC62619、UN38.3、RoHS、Reach、 WEEE、MSDS
Design life	15 Years (25°C/77°F)
Cycle Life	>6,000 25°C