

US 5000 RESIDENTIAL ESS



Ideal for Back Up

Tailored for off-grid system .



Cost-Effective

More affordable for both initial investment and ongoing maintenance .
Safe and Reliable .



Ease for Installation

Simple setup, ideal for DIY systems .



Safe and Reliable

Operates at a lower risk level, ensuring safety in homes .

POWER ON DEMAND

US 5000

 **Flexible for Mixed Usage**

 **Free to Scale Up**

 **19 inch Rack Compatible**

 **Ultra Cost effectiveness**



Module

US5000

Nominal Voltage (VDC)	8
Battery Module Capacity (kWh)	4.8
Usable Capacity (kWh)	4.56
Dimension (W*D*H mm)	442*420*161
Weight(kg)	39.7
Depth of Discharge	95%
Charge/ (Normal)	100
Discharge (Max)	101-120 @15min
(A) (Peak)	121-200 @15s
Communication port	RS485/CAN
IP rating	IP20
Single String Quantity (pcs)	20
Working Temperature/ (°C) Charge	-10~55
Working Temperature/ (°C) Discharge	-10~55
Storage Temperature/ (°C)	-20~60
Humidity (RH)	5%~95% No condensation
Short current/duration time (A)	<2000/1ms
Altitude (m)	≤4000
Design life (@25°C)	15years
Cycle life (@25°C)	>6,000
Certification	UL1973/UL9540A/IEC62619/IEC63056/IEC61000-6-2/3/UN38.3