

UP 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

UP 5000



Flexible for Mixed Usage



Free to Scale Up



19 inch Rack Compatible



Ultra Cost effectiveness



Module

UP5000

Nominal Voltage (VDC)	48
Battery Module Capacity (kWh)	4.8
Usable Capacity (kWh)	4.56
Dimension (W*D*H mm)	442*420*165
Weight(kg)	40
Depth of Discharge	95%
Charge/ (Normal)	50
Discharge (Max)	74~89@69S
(A) (Peak)	90~200@15S
Communication port	RS485/CAN
IP rating	IP20
Single String Quantity (pcs)	16
Working Temperature/ (°C) Charge	0~50
Working Temperature/ (°C) Discharge	-10~50
Storage Temperature/ (°C)	-20~60
Humidity (RH)	5%~95% No condensation
Short current/duration time (A)	<4000/2ms
Altitude (m)	<4000
Design life (@25°C)	10+year
Cycle life (@25°C)	>6,000
Certification	IEC62619/IEC63056/IEC61000-6-2/IEC61000-6-3/UN38.3