

UF 5000 RESIDENTIAL ESS



Ideal for Back Up

Tailored for off-grid system .



Cost-Effective

More affordable for both initial investment and ongoing maintenance .



Versatile Mounting

Supports both wall-mount and 19-inch rack-mount configurations for flexible deployment.



Safe and Reliable

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



**POWER
DEMAND
ON**

UF 5000

 Flexible for Mixed Usage

 Free to Scale Up

 19 inch Rack Compatible

 Ultra Cost effectiveness



Model

UF5000

Nominal Voltage (VDC)	51.2
Battery Module Capacity (kWh)	5.12
Usable Capacity (kWh)	4.864
Dimension (W*D*H mm)	442*452.6*161
Weight(kg)	42
Depth of Discharge	95%
Charge/ (Normal)	100
Discharge (Max)	100
(A) (Peak)	121~200@15sec
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	IEC62619/UN38.3/RoHS/Reach/WEEE/MSDS