

# UF 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

# UF 5000

 **Flexible for Mixed Usage**

 **Free to Scale Up**

 **19 inch Rack Compatible**

 **Ultra Cost effectiveness**



## Module

## 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/Discharge (A)	(Normal) 100 (Max) 100 (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