




Rack Type
Residential Battery


Unity



 **Safe&Reliable**
Lithium Iron Phosphate(LFP) battery

 **Cost-effective**
High cost-effectiveness

 **Scalability**
Maximum 16 in Parallel

 **Perfect Compatibility**
Compatible with branded inverters

Model	UX-5.1-LVB
Nominal Valtage	51.2V
Rated Energy	5.12KWh
Nominal Charge/Discharge Current	50A
Max Charge/Discharge Current	100A
Battery Type	LiFePO4
Cycle Life	6000@80%DOD, 25°C/0.5C

Structure	
Dimension(W*D*H)	550*440*130mm
Weight	47.2Kg
IP Rating	IP20
Scalability	≤16PCS
Installation	Rack/Wal-mounted/Cabinet Type

Working Environment	
Charge Temperature	0°C~55°C
Discharge Temperature	-20°C~60°C
Altitude	<2500m
Humidity	5%~95% (No condensation)

Communication	
Communication Port	RS485/CAN
Display	SOC Status Indicator, LED Indicator

Certifications
CB, IEC62619, UL1973, UL9540A, UKCA, CE-EMC, CE-GPDS, EN62619, UN38.3, MSDS

Warranty
10years

