

Unity Series Residential Battery (LV)

Unity LV

- Supports up to 48 units in parallel for capacity expansion, offers multiple installation methods
- Adopts 100Ah LFP cells, with max. 100A charge/discharge current and intelligent cell balancing
- Multiple protections and current-limiting function
Multiple protection
- Automatic address allocation, no DIP switch
- Equips with WiFi/BT module plus OTA function



Model	UX-5.1-LPB
Nominal Voltage (V)	51.2
Operating Voltage (V)	44.8-57.6
Capacity (Ah)	100
Nominal Capacity (kWh)	5.12
Nominal Charge/Discharge Current (A)	50/50
Max Charge/Discharge Current (A)	100/100
Depth of Discharge	95%
Battery Type	LFP
Fire Protection System	Built-in aerosol fire extinguisher
Certificates	CB, IEC62619, CE-EMC, EN61000, UKCA, UN38.3, MSDS
Structure	
Dimension (W*D*H)(mm)	483*555*130
Weight (Kg)	43
IP Rating	IP20
Installation Method	Floor mounted, Rack-mounted
Working environment	
Charge Working Temperature (C)	0~55
Discharge Working Temperature (C)	-20~55
Altitude (m)	<2500
Humidity (RH)	5-95%
Communication/Warranty	
Communication Port	RS485, CAN
Warranty Period	5 years
Compatible Inverter List	DEYE, GROWATT, VICTRON, SOLIS, MUST, LUXPOWER, AFORE, SUNSYNK, FELICTY...

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