

UPB series

UP-UPB05B

- Supports USB interface for direct computer communication.
- Supports wall, floor, stack or rack mounting
- Up to 9 in parallel connection, expand to 45kWh
- Minimum width of 12cm, saving space at home
- Low internal resistance design mode is adopted



MODEL	UP-UPB05B	Can Be Set
MAIN INFO		
Rated Voltage	51.2V	
Rated Capacity	100Ah	
Battery Power	5.12kWh	
Battery Type	LFP	
Crycling Lifespan	6000 (80%DOD, 0.2C, 25°C)	
Lifetime	20 years	
Max. Parallel Capacity	9 units	✓
CHARGE&DISCHARGE		
Max. Charging Voltage	57.6V	✓
Over Discharging Voltage	44.8V	✓
Standard charge current	50A	
Max. Charging Current	100A (1C)	✓
Peak Charging Current	110A (1.1C, 3s)	✓
Standard discharge current	50A	
Max. Discharging Current	100A (1C)	✓
Peak Discharging Current	110A (1.1C, 3s)	✓
GENERAL		
Weight	45kg (99.21b)	
Dimension (L*W*H)	580*446*120mm (1.9*1.46*0.39ft)	
Communication	CAN / RS485 / USB /	✓
Storage Condition	6 months@25°C/77°F, 3 months@35°C/95°F, 1 month@45°C/113°F	
Charging Temp. Range	0~45°C	
Discharging Temp. Range	-10~45°C	
Cooling Method	Neutral Cooling	
Protection Grade	IP30	
STANDARD		
Transportation	UN38.3, MSDS	
Safety	IEC 62619: 2017, EN IEC 61000-6, UL1973	