



Residential Battery Module BMU Series

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Residential Battery Module

BMU48-2.5/ BMU192-10/ BMU240-12.5
BMU288-15K/ BMU336-17.5K/BMU384-20K

Main Features

- Elegant and Stylish, Floor installation.
- LFP rechargeable battery .
- Communication: RS485/CAN/SNMP/Wifi/Bluetooth,
Compatible with different brand of solar inverter and chargers.
- IP65 protection class, suitable for outdoor and indoor installation.
- Extremely long life cycle, more than 6000 times or 10 years.
- High protection measures, built-in Aerosol active fire protection module, thermal runaway detection and active fire protection
- Good extendibility, 2.5kWh each, easy extend to 10kWh/12.5kWh/15kWh/ 17.5kWh/20kWh etc.



Technical Parameter

Model	BMU48-2.5	BMU192-10	BMU240-12.5	BMU288-15K	BMU336-17.5K	BMU384-20K
Capacity	52Ah					
Nominal Voltage	48V	192V	240V	288V	336V	384V
Battery Type	LiFePO4					
Connection	1P15S	1P60S	1P75S	1P90S	1P105S	1P120S
Voltage Working Range(V)	42.75V-54.75V	171V-219V	213.75V-273.75V	256.5V-328.5V	299.25V-383.25V	342V-438V
Working Temperature(°C)	Charge: 0°C ~ 55°C Discharge: -20°C ~ 60°C					
Nominal Capacity(kWh)	2.496kWh	9.984kWh	12.48kWh	14.976kWh	17.472kWh	19.968kWh
Max. Charge Current(A)	35A					
Max. Discharge Current(A)	35A					
Weight	-23.5kg (pack)	-105kg	-129kg	-152.3kg	-175.5kg	-199.5kg
Dimension(W'D*L)	220 x606x170mm	220x606x900mm	220x606x1070mm	220x606x1240mm	220x606x141 mm	220x606x1580mm
IP Protection	IP65					
Transportation SOC	30%					
Storage Temperature(°C)	10°C ~ +35°C					
Cycle Life	>6000. 25°C, 0.5C 85%DOD					
Recycleable	Fully recyclable at the end of life					
Installation Mode	Floor Installation					