

10.08kWh Lithium Battery Power Stack 10



Power Stack 10 is Better Power's latest 48V 210Ah 10.08kWh lithium battery pack. With high energy density, good compatibility, compact design and long cycle life, it is a perfect solution for backup power, off-grid, residential ESS applications.

Distinct from Better ES100, Power Stack 10 supports wall-mounting installation, saving your floor installation space. Boasting double capacity of ES100 module, it saves your installation cost and simplify the complex wiring.

- Larger capacity, higher power output
- Safest lithium iron phosphate battery cell with high energy density
- Modular design, support up to 16 units in parallel, and only need to set the DIP switch of the master in parallel connection
- Compact and wall-mounted design, saving floor installation space
- Comes with mounting bracket for easy installation, and handles on the both sides for convenient carrying
- 10.08kWh design, saving installation cost and simplifying the wiring
- Built-in 200A circuit breaker for over-current protection
- Perfect compatibility
- 6000 cycles life, 90% DOD



Model	Power Stack 10
Nominal Voltage (V)	48
Work Voltage Range (V)	42~54.5
Nominal Capacity (Ah)	210
Nominal Energy (kWh)	10.08
Nominal Power (kW)	5.04
Max Power (kW)	10.08
1S Peak Power (kW)	11.52
1S Peak Current (A)	240
Charging Current (A)	105
Maximum Charging Current (A)	210
Discharging Current (A)	105
Maximum Discharging Current (A)	210
Cycle Life	90%DOD, 6000 cycles life
Operating temperature	Discharge: -20°C~55°C
	Charge: 0°C~55°C
Recommended Operating Temperature	Discharge: 15°C~30°C
	Charge: 15°C~30°C
Storage Temperature	Storage: 0°C~35°C
Altitude	86kPa~106kPa
Humidity	15%~90%
Cooling method	Natural cooling
Protection Degree	IP21
Dimension (mm)(L*W*H)	500*210*900mm (42mm kickstand is included)
Weight (Kg)	90

