

# IP65 – THE SHIELD YOUR ENERGY DESERVES

W10-5A

51.20V | 200AH | 10.240KWH



LITHIUMVALLEY

IP65

10 YEAR  
WARRANTY

## FEATURES

### Longer Life and Safer



- A+ grade lithium iron phosphate
- Built-in hot aerosol fire extinguishing device

### Low Maintenance



- Firmware update service via built-in BLE
- Check battery operation status and configure BMS via BLE

### Flexible and Expandable



- Up to 15 units in parallel
- The parallel system's max capacity is 153kWh

### Certification



- UN38.3, MSDS, CB, CE-EMC



## PERFORMANCE

	W10-5A
Nominal Voltage	51.2Vdc
Nominal Capacity	200Ah
Battery Energy	10240Wh
Charge Voltage	57.6Vdc
Discharge Voltage	44.8Vdc
Nominal Charge/Discharge Current	100A
Nominal Charge/Discharge Power	5120W
Max Charge/Discharge Current	200A
Max Charge/Discharge Power	10240W

## DIMENSION AND WEIGHT

Display	SOC status indicator, LED indicator
Communication	RS232, RS485, CAN

## GENERAL SPECIFICATION

Dimension (W×D×H mm)	760*470*227mm
Weight (kg)	96.6kg
Installation	Floor stand or Wall mounted
Charging Temperature Range	With heating function: -20°C~55°C, Without heating function: 0°C~55°C
Discharge Temperature Range	-20°C~60°C
Operating / Storage / Humidity	≤95%RH
Max Operating Altitude	≤3000m
IP Rating	IP65
Cell Technology	LiFePO <sub>4</sub> , Lithium Iron Phosphate
Cycle Life	8000 Cycles @ 80% DOD / 25°C/0.5C, 60%EOL
Scalability	Max 15 batteries in parallel
Recommended Usage Environment	Indoor or outdoor under eaves (avoid direct sunlight)

## STANDARD COMPLIANCE

Certification	CE, IEC 62619, UN38.3
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### NOTE:

1. Test conditions: 100% depth of discharge (DoD), 0.3C rate charge & discharge at 25°C
2. Charge/discharge derating occurs when the operating temperature from -10°C to ≤5°C & 45°C to 55°C
3. Condition apply. Refer to W10-SA Warranty Letter.