

## BUILT FOR EVERY WEATHER POWERED BY IP65

W15-5A

51.20V | 280AH | 14.336KWH



### FEATURES

IP65

10 YEAR  
WARRANTY

#### 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 215kWh

#### Certification



- UN38.3, MSDS, CB, CEI 0-21

# LITHIUMVALLEY



## PERFORMANCE

## W15-5A

Nominal Voltage:	51.2Vdc
Nominal Capacity:	280Ah
Battery Energy:	14336Wh
Charge Voltage:	57.6Vdc
Discharge Voltage:	44.8Vdc
Nominal Charge/Discharge Current:	140A
Nominal Charge/Discharge Power:	7168W
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×Hmm):	800×500×227mm
Weight (Kg):	128kg
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), 0.2C 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.