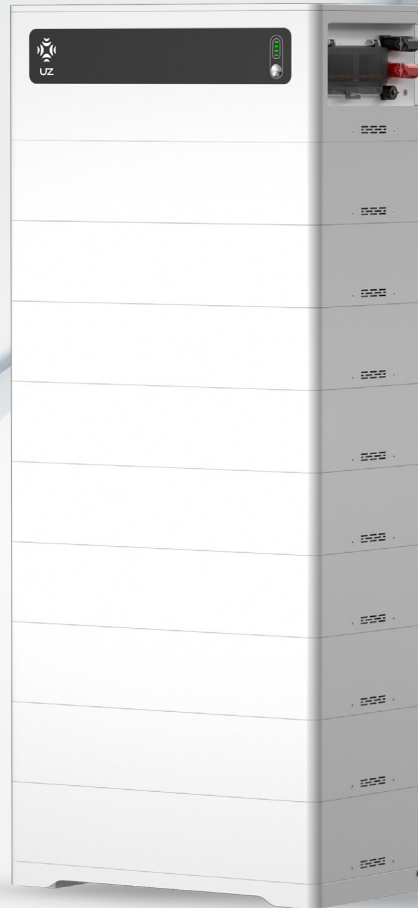
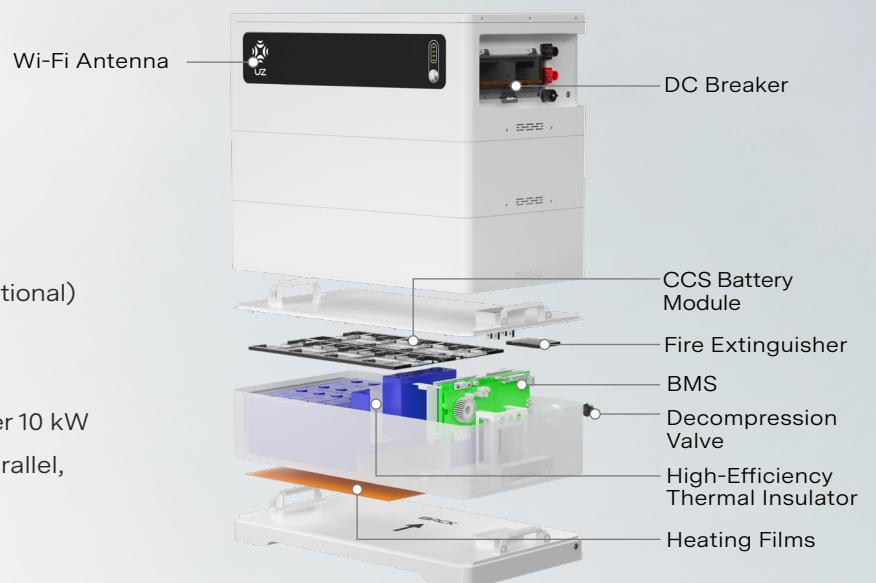


WJ Series

AI-Powered Battery Safety Detection and Customer Service



- ✓ Tier-One LFP Battery Cells
- ✓ Advanced BMS Control
- ✓ Supports Charging Down to -20 °C
- ✓ Dual-pole Circuit Breaker Protection (Optional)
- ✓ IP65
- ✓ Easy Installation
- ✓ Max. capacity 50 kWh, Max. output power 10 kW
- ✓ Supports a maximum of 6 clusters in parallel, with a total power of 300 kWh



Model	WJ-10	WJ-15	WJ-20	WJ-25	WJ-30	WJ-35	WJ-40	WJ-45	WJ-50
Cell Type	LiFePO4								
Rated Capacity	100 Ah								
Module Number	2	3	4	5	6	7	8	9	10
Rated Energy [kWh]	10.24	15.36	20.48	25.6	30.72	35.84	40.96	46.08	51.2
Usable Energy [kWh]	9.22	13.82	18.43	23.04	27.65	32.26	36.86	41.47	46.08
Rated Voltage [V]	51.2								
Voltage Range	43.2 to 58.4								
Rated Charge/Discharge Current [A]	120	180	200	200	200	200	200	200	200
Max. Charge / Discharge Current [A]	120/200	180/200	200/200	200/200	200/200	200/200	200/200	200/200	200/200
Rated Charge / Discharge Power [kW]	6.1	9.2	10	10	10	10	10	10	10
Max. Charge / Discharge Power [kW]	6.1/10	9.2/10	10/10	10/10	10/10	10/10	10/10	10/10	10/10
Dimensions (WxDxH) mm	640 × 360 × 412.8	640 × 360 × 551.6	640 × 360 × 690.4	640 × 360 × 829.2	640 × 360 × 968	640 × 360 × 1,106.8	640 × 360 × 1,245.6	640 × 360 × 1,384.4	640 × 360 × 1,523.2
Weight (kg)	101	147	193	239	285	331	377	423	469
Protection Degree	IP65								
Altitude (m)	3,000								
SOC Range	0% to 100% (working) / 50% (transportation)								
Warranty	10 years or 6,000 cycles, SOH ≥70% @ 25 °C								
Operating Temperature [°C]	-20 to 55								
Noise Emission	< 35 dB								
Humidity	5% to 95% RH (non-condensing)								
Cooling	Natural Cooling								
Heating	Yes								
Communication Interface	CAN / RS485 / Wi-Fi								
Fire Protection	Yes								
Certifications	UN 38.3 / IEC 62619 / IEC 61000 / IEC 62040								

※ Information may be subject to modify without notice.

If there is any change in product size and parameters, please refer to the latest information without prior notice.