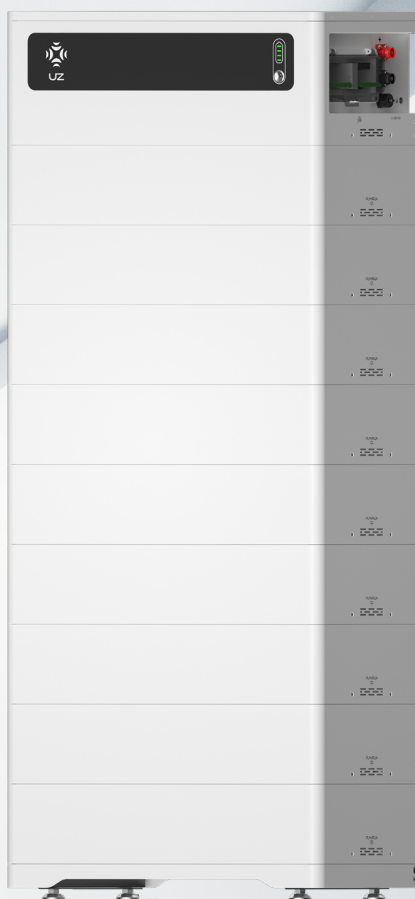


WJ Series

AI-Powered Battery Safety Detection and Customer Service



Wi-Fi Antenna

DC Breaker

- ✓ 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



CCS Battery Module

Fire Extinguisher

BMS

Decompression Valve

High-Efficiency Thermal Insulator

Heating Films

Model	WJ-10	WJ-15	WJ-20	WJ-25	WJ-30	WJ-35	WJ-40	WJ-45	WJ-50
Cell Type	LiFePO4								
Rated Capacity [Ah]	200	300	400	500	600	700	800	900	1000
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 [V]	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 (W) × 360 (D)								
	462.8	601.6	740.4	879.2	1018	1,156.8	1,294.6	1,434.4	1,573.2
Weight [kg]	101	147	193	239	285	331	377	423	469
IP Rating	IP65								
Altitude [m]	3,000								
State of Charge (SOC) Range	10% to 100% (Operating)								
Warranty	10 years or 6,000 cycles, SOH ≥70% @ 25 °C								
Operating Temperature [°C]	-20 to 55								
Noise Emission	< 35 dB								
Operating Humidity	5% to 95% RH (Non-Condensing)								
Cooling Method	Natural Cooling								
Heating Power	Optional								
Communication	CAN / RS485 / Wi-Fi								
Fire Protection	Yes								
Certification	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.