

Rack Type C&I Battery

Unity HV2

- Modular design allows expansion from 4 to 13 modules, covering a capacity range of 72-235kWh
- Employs LFP battery cells, boasting stable performance and a long cycle life of up to 8000 cycles
- Can be adapted to mainstream high-voltage inverters in the market
- Cloud analysis effectively cuts down operation and maintenance costs



Model	UX-72.3-HPB	UX-90.4-HPB	UX-108.5-HPB	UX-126.6-HPB	UX-144.6-HPB
Batteries Configuration	4 units	5 units	6 units	7 units	8 units
System Battery Configuration	1P72S	1P90S	1P108S	1P126S	1P144S
Battery voltage range (VDC)	201.6~259.2	252~324	302.4~388.8	352.8~453.6	403.2~518.4
Battery System (kWh)	72.32	90.4	108.48	126.6	144.6
Max. Matched Inverter Power (kW)	30	40	50	60	70

Model	UX-162.7-HPB	UX-180.8-HPB	UX-198.9-HPB	UX-217.0-HPB	UX-235.1-HPB
Batteries Configuration	9 units	10 units	11 units	12 units	13 units
System Battery Configuration	1P162S	1P180S	1P198S	1P216S	1P234S
Battery voltage range (VDC)	453.6~583.2	504~648	554.4~712.8	604.8~777.6	655.2~842.4
Battery System (kWh)	162.7	180.8	198.9	217	235.1
Max. Matched Inverter Power (kW)	80	90	100	110	115

System Parameter

Comm. Method with PCS	CAN2.0
IP Rating	IP20
Cooling Method	Intell. Forced Air Cooling
Working Temperature (°C)	-20-55
Humidity (RH)	0-95%
Recommend Depth of Discharge	90%
Noise (dB)	<70
Altitude (m)	3000
Cloud Plat	APP+Web
Certificates	IEC62619、EN61000、UN38.3

Battery Pack

Battery Pack Specifications	57.6V/18.08kWh/314Ah
Life Cycles	8000, 70% SOH (90%DOD, 25°C)
Fire Protection System	Aerosol
Dimensions (W*D*H)(mm)	483*825*235
Weight (kg)	126±3

Shenzhen Ruidian Green Energy Technology Co.,Ltd

Office Address: A801 Building 3A, Cloud Park, Bantian, Longgang District, Shenzhen
 Factory Address: No.3, East Hua'nán Road, Dongjiang Hi-Tech Industrial Park, Huizhou

4008-036-037

www.absenenergy.com

