

Stacked C&I Battery

Unity HV2

- Modular design allows expansion from 4 to 14 modules, covering a capacity range of 72-253kWh
- 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	UX-162.7- HPB
Battery Pack Number	4	5	6	7	8	9
System Battery Configuration	1P72S	1P90S	1P108S	1P126S	1P144S	1P162S
Battery Voltage Range(VDC)	201.6~259.2	252~324	302.4~388.8	352.8~453.6	403.2~518.4	453.6~583.2
Battery System (kWh)	72.32	90.4	108.48	126.6	144.6	162.7
Max. Matched Inverter Power (kW)	30	40	50	60	70	80

Model	UX-180.8- HPB	UX-198.9- HPB	UX-217.0- HPB	UX-235.1- HPB	UX-253.2- HPB
Battery Pack Number	10	11	12	13	14
System Battery Configuration	1P180S	1P198S	1P216S	1P234S	1P252S
Battery Voltage Range (VDC)	504~648	554.4~712.8	604.8~777.6	655.2~842.4	705.6~907.2
Battery System (kWh)	180.8	198.9	217	235.1	253.1
Max. Matched Inverter Power (kW)	90	100	110	115	125

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)	APP+Web
Cloud Plat	3~16
Certificates	IEC62619, EN61000, UN38.3
Compatible Inverter List	Solis, Deye, Growatt, Fox, Sinexcel, Afore..

Battery Pack Parameters

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

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