Absen Energy

Rack Type Residential Battery

Unity HV

- Modular design, expand from 3 to 12 modules, capacity 15kWh-60kWh.
- 44kg single module, separable for easy disassembly and i nstallation.
- LFP battery cells, stable performance, 6000 - cycle long life.
- Automatically manages batteries, protects against over/under-charge&temp.
- Adapts to mainstream high-voltage inverters in the market.

Model	UX-15.3-HPB	UX-20.4-HPB	UX-25.6-HPB	UX-30.7-HPB	UX-35.8-HPB	UX-40.9-HPB	UX-46-HPB	UX-51.2-HPB	UX-56.3-HPB	UX-61.4-HPB
Battery Type	LFP									
Battery Pack Number	3	4	5	6	7	8	9	10	11	12
Nominal Energy (kWh)	15.36	20.48	25.6	30.72	35.84	40.96	46.08	51.2	56.32	61.44
Discharge Voltage (V)	129.6 ~172.8	172.8 ~230.4	216 ~288	259.2 ~345.6	302.4 ~403.2	345.6 ~460.8	388.8 ~518.4	432 ~576	475.2 ~633.6	475.2 ~633.6
Rated Voltage （V)	153.6	204.8	256	307.2	358.4	409.6	460.8	512	563.2	614.4
Rated Working Current (A)	50									
Max Charging Current (A)	70									
Max Discharging Current (A)	100									
Certificates	IEC62619、EN61000-6-1/3、UN38.3									
General Data										
Display	LED									
Communciation Interface	RS485/CAN									
Dismensions Interface (W*D*H)(mm)	550*600*1050			550*60*1450			550*600*2050			
Weight (Kg)	165	165	253	297	350	394	438	485	529	573
Working Temperature Range（C）	Charging：5～50；Discharging：-20～55；Storage：-20～50									
Operating Humidity Range	5%RH～95%RH,No condensation									
Altitude (m)	3000									
Cooling Method	Natural Cooling									
IP Rating	IP20									
Installation Method	Rack mounted (optional installation rack)									
Scalability	3~12									
Battery Pack										
Model	UX-5.1-HPB									
Battery Pack Specifications	51.2V/5.12kWh/100Ah									
Life Cycles	6000@90%DOD，25℃/0.5C									
Dimensions (W*D*H)(mm)	483*550*130									
Weight (Kg)	44									

Shenzhen Ruidian Green Energy Technology Co.,Ltd

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

4008-036-037
www.absenenergy.com
ABSEN ENERGY