

Low Voltage Battery System

Models:
AS-6LV
AS-10LV



Safe & Reliable

Ultra safe LiFePO4 cells. Compliance with IEC62619, UL1973, UN38.3, UL9540A.



Long Life

8,000+ cycles 10-year standard warranty with extended option up to 15 years



Easy Installation & Expansion

Integrated design, Wall or floor mounted. Support multiple packs in parallel



Higher adaptability

-20°C-55°C support
Wide temperature range cell built inside, make you enjoy the sunshine freely

The AS-LV series are low-voltage batteries (51.2V), built in smart battery management system and first class ATL's ultra safe LiFePO4 cells, designed specially for Germany, the US, Australia, the UK, and other mainstream residential PV storage markets, perfect for the application of new or retrofit PV energy storage, to save electricity fees for end-users and protect residential from power failure through maximizing roof PV.

Technical Datasheet

	AS-6LV	AS-10LV
Specification		
Nominal energy (kWh)	6.55	9.83
Nominal Voltage(V)	51.2	
Working voltage range (V)	48~57.6	
Max. Charging Current(A)	104.2(15°C~45°C)	
Max. Discharging current(A)	104.2(15°C~45°C)	
Working temperature (°C)	-10°C~50°C	
Recommended working temperature(°C)	15°C~30°C	
Storage conditions	Temperature	-20°C ~ + 45°C
	Humidity	5%-95%RH
Cycle Life	8000cycles	
Dimension (W*D*H) (mm)	475*134*746.5	475*133*1081
Weight	58kg	85kg
Installation	Wall-mounted /floor standing	
Ingress protection	IP55	
Operation altitude	≤2000m	
Pack safety certification/ Pack	IEC62619/UL1973/UL9540A/CE/RCM/UN38.3+PI965(Sea)	
Communication	CAN; RS485	
Parallel connection	Max. 8 batteries	