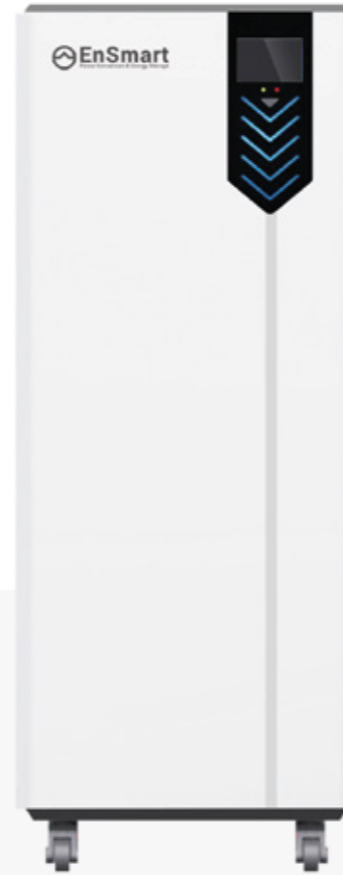


Residential Lithium Batteries

ELV-F 15kWh~20kWh

ELV-F series are stackable lithium batteries designed entirely for residential. With its timeless design, ELV-F meets IP55 protection degree for outdoor installations, light weight, no pollution and multiple electrical protections through its integrated high voltage control box.



Flexible

- Modular design, stackable installation, easy to install and maintain
- Can support up to 20 clusters in parallel, scale up to 400 kWh
- Compatible with SolarAll single phase inverters

Smart

- Strong pre-charge and balancing capability
- Remote data history & firmware upgrading function via T-smart cloud platform

Reliable

- Cobalt free safe LiFePO4 chemistry with more than 6000 cycles
- Compliance with CE, IEC62619, UL1973, UN38.3, UL9540A

Technical Specifications

Model	ELV-F51300A	ELV-F51400A
Nominal Voltage	51.2V	51.2V
Nominal Capacity	300Ah	400Ah
Nominal Energy	15kWh	20kWh
Usable Energy	14.7kWh	19.2kWh
Standard Charge Voltage	56.0V	
Max. Continuous Charge Current	150A	200A
Recommend Charge Current	90A	120A
Max. Continuous Discharge Current	180A	200A
Max. Continuous Discharge Power	8kW	10kW
Peak Discharge Current	500A/3s	
Peak Discharge Power	25kW/3s	
End of Discharge Voltage	43.2V	
IP Rating	IP55	
Cycle Life	≥6000 cycles	
Net Weight	~200kg (440.9lb)	~235kg (518.0lb)
Dimension (LxWxH)	495x400x1156mm (19.4x15.7x45.4 inch)	
Cell Type	Lithium-iron Phosphate (LiFePO4)	
Operation Temperature	Charge: 0~45°C (32~113°F), Discharge: -20~60°C (-4~140°F)	
Recommend Operation Temperature	15~30°C (59~86°F)	
Operation Humidity	0~95%	
Storage Temperature	-10~30°C (14~86°F)	
Install Altitude	≤4000m	
Install Location	Indoor, or Outdoor without Sunlight Exposure	
Certification	Battery Cells comply with UI9540A Standard, Battery Pack complies with CE/IEC62619/UL1973/UN38.3	

Highlights



FLEXIBLE



INTELLIGENT



SAFE AND RELIABLE