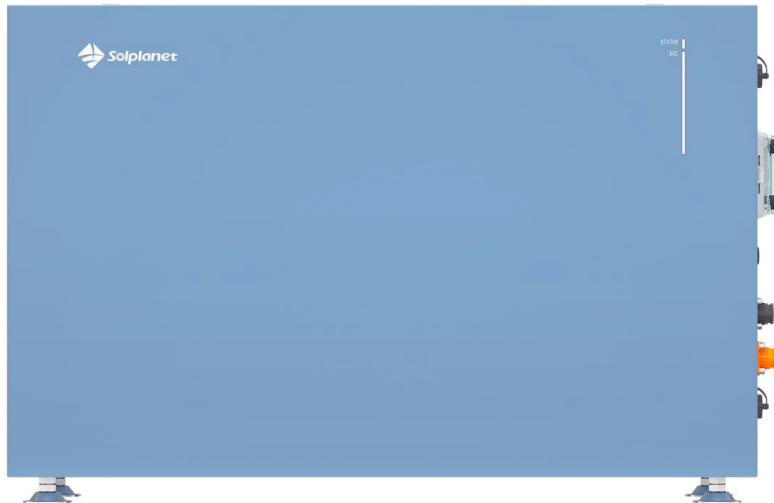


Low Voltage Battery 15 kWh

AP-L Series



Model:
APL15.0D-S



Easy-to-install

- Plug-and-play design for simplified installation
- Big capacity; simple setup
- Low-profile design for easier installation; single tower supports stacking of up to 3 batteries for a total of 45 kWh
- Expandable up to 225 kWh



Safe & reliable

- Built-in emergency fire suppression module
- IP66 rated design for indoor and outdoor use
- Featuring durable LFP technology together with safety-enhanced battery management system designed for precise diagnostics



User-Friendly

- 5 selections for operating (LED) indicator via Solplanet App
- Compact design fits for narrow spaces like garages and walkways

Technical Datasheet

System Data	System model	APL15.0D-S
	Cell type	LiFePO4
	Rated capacity	314 Ah
	Nominal energy ¹	15.07 kWh
	Usable energy ²	13.95 kWh
	Nominal voltage	48 V
	Operating voltage range	37.5 V - 54.75 V
	Recommend charge / discharge current	160 A
	Max. charge / discharge current	160 A
	Rated DC power	7.68 kW
	Rated charge / discharge power	7.68 kW
	Max. charge / discharge power	7.68 kW
General Data	Dimensions (W / D / H ⁴)	760 / 237.5 / 480 mm
	Weight	112.0 kg
	Installation location	Indoor / outdoor
	Mounting method	Floor mounted
	Operating temperature range	Charge: 0 °C ~ 55 °C Discharge: -20 °C ~ 55 °C
	Storage temperature range	-20 °C ~ 60 °C
	Cooling concept	Natural convection
	Protective class	II
	Degree of protection	IP66
	Relative humidity	5% - 95 % (Non-condensing)
	Max. operating altitude	4000 m (>3000 m derating)
	Communication	CAN
	Country of manufacture	China
	Certificate	IEC 62619, IEC 62040, IEC 60730, IEC 61000, UN38.3
	Cycle life ³	8000 times

1. Nominal energy is defined under the following conditions: battery voltage 40 V - 60 V, 0.5C charge & discharge at 25 °C.
2. Usable energy is defined under the following conditions: 92.5 % DOD, 0.2C charge & discharge at 25 °C.
3. Cycle life is defined under the following conditions: 90 % DOD, 0.5C charge & discharge at 25 °C (one cycle a day), EOL 70 %.
4. Battery base not included.

