

Energy Storage Battery LV Series Flex-L4



KEY FEATURES



Ultra Safe

Intelligent fire extinguishing system



Long-term Warranty

10-year product warranty



Automatic Self-heating



Flexible Investing

Expandable to 6.14-92.1kWh
Compatible with major brand inverters



Wi-fi Connectivity

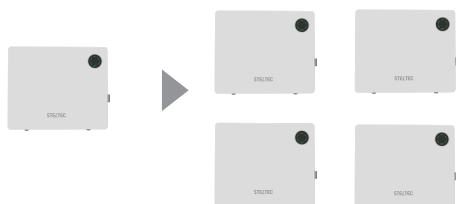
Built-in Wi-Fi,
supports APP OTA upgrade



IP65 Protection

Fearless of outdoor installation,
strong environmental adaptability

LV Series Flex-L1

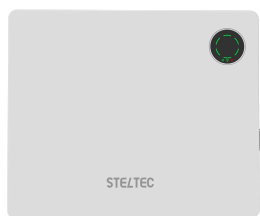


Max.15 modules in parallel

Maximum capacity of

92.1 kWh

TECHNICAL PARAMETERS



Product Type	Flex-L4
Battery Model	STE-BWO-6140
Battery System Capacity	6.14kWh
Cell Technology Battery	Li-ion(LFP)
Cell Capacity Usable	120Ah
Capacity Configuration	5.53kWh
Nominal Voltage	1P16S
Operating Voltage	51.2V
Range	45.6~56.2V
Dimension(W*D*H)	578*225*471mm
Net Weight	65kg
Scalability	Max. 15 systems in parallel operation
Installation	Wall mounted only
Depth of Discharge	90%
Charge/Discharge Current(Recommended)	60A
Charge/Discharge Current(Max)	100A
Cooling Method	Natural convection
Communication Port	RS232, RS485, CAN
Protection Class	IP65
Environment	Indoor or Outdoor Eaves
Charging Temperature	-20°C~45°C (with heating) 0°C~45°C (without heating)
Discharging Temperature	-20°C~50°C
Humidity	5%-95%
Max. Operating Altitude	2,500m
Cycle Life	>6000 @25°C, 0.5C, 90% DOD
Wi-Fi Module	Built in Wi-Fi module, APP OTA function
Extended Functions	Thermal aerosol fire extinguishing device(standard) Heating system (optional)
Certificates	IEC62619 / IEC61000 / CE / UN38.3 / MSDS