

Energy Storage Battery

LV Series

Flex-L4-200



KEY FEATURES



Ultra Safe

Intelligent fire extinguishing system



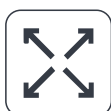
Long-term Warranty

10-year product warranty



Automatic Self-heating

-20°C~55°C operating temperature(optional)



Flexible Investing

Expandable to 10.24-153.6kWh
Compatible with major brand inverters



Wi-fi Connectivity

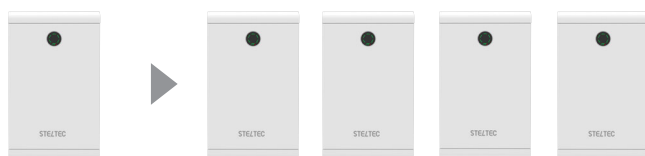
Built-in Wi-Fi,
supports APP OTA upgrade



IP65 Protection

Fearless of outdoor installation,
strong environmental adaptability

LV Series Flex-L4-200

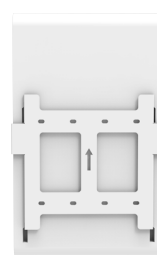
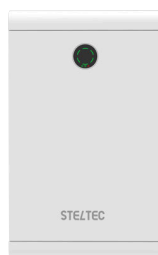


Max.15 modules in parallel

Maximum capacity of

153.6kWh

TECHNICAL PARAMETERS



Product Type	Flex-L4-200
Battery Model	STE-BWO-10240
Battery System Capacity	10.24kWh
Cell Technology	Li-ion(LFP)
Battery Cell Capacity	200Ah
Configuration	1P16S
Nominal Voltage	51.2V
Operating Voltage Range	45.6~56.2V
Dimension(W*D*H)	480*245*815(mm)
Net Weight	105kg
Scalability	Max. 15 systems in parallel operation
Installation	Wall mounted or floor mounted
Depth of Discharge	90%
Charge/Discharge Current(Recommended)	100A
Charge/Discharge Current(Max)	200A
Cooling Method	Natural convection
Communication Port	RS232, RS485, CAN
Protection Class	IP65
Environment	Indoor or Outdoor Eaves
Charging Temperature	-20°C~55°C (with heating) 0°C~55°C (without heating)
Discharging Temperature	-20°C~55°C
Humidity	5%-95%
Max. Operating Altitude	2,500m
Cycle Life	>8000 @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), Wheels(optional)
Certificates	IEC62619 / IEC61000 / CE / UN38.3 / MSDS