

# Energy Storage Battery LV Series Flex-L4



## KEY FEATURES



### Ultra Safe

Intelligent fire extinguishing system



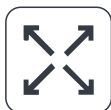
### Long-term Warranty

10-year product warranty



### Automatic Self-heating

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



### Flexible Investing

Expandable to 16.07-241.05kWh  
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

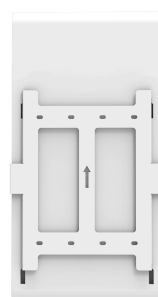
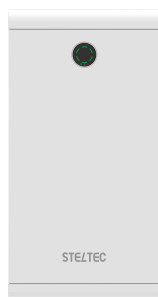


Max.15 modules in parallel

Maximum capacity of

**241.05kWh**

## TECHNICAL PARAMETERS



<b>Product Type</b>	<b>Flex-L4</b>
<b>Battery Model</b>	STE-BWO-16000
<b>Battery System Capacity</b>	16.07kWh
<b>Cell Technology</b>	Li-ion(LFP)
<b>Battery Cell Capacity</b>	314Ah
<b>Configuration</b>	1P16S
<b>Nominal Voltage</b>	51.2V
<b>Operating Voltage Range</b>	45.6~56.2V
<b>Dimension(W*D*H)</b>	480*245*957(mm)
<b>Net Weight</b>	135kg
<b>Scalability</b>	Max. 15 systems in parallel operation
<b>Installation</b>	Wall mounted or floor mounted
<b>Depth of Discharge</b>	90%
<b>Charge/Discharge Current(Recommended)</b>	157A
<b>Charge/Discharge Current(Max)</b>	200A
<b>Operation Life</b>	10 years
<b>Cooling Method</b>	Natural convection
<b>Communication Port</b>	RS232, RS485, CAN
<b>Protection Class</b>	IP65
<b>Environment</b>	Indoor or Outdoor Eaves
<b>Charging Temperature</b>	-20°C~55°C (with heating) 0°C~55°C (without heating)
<b>Discharging Temperature</b>	-20°C~55°C
<b>Humidity</b>	5%-95%
<b>Max. Operating Altitude</b>	2,500m
<b>Wi-Fi Module</b>	Built in Wi-Fi module, APP OTA function
<b>Extended Functions</b>	Thermal aerosol fire extinguishing device(standard) Heating system (optional), Wheels(optional)
<b>Certificates</b>	IEC62619 / IEC61000 / CE / UN38.3 / MSDS