

# Energy Storage Battery LV Series Flex-L4



## KEY FEATURES



### Ultra Safe

Lithium Battery (LFP) cells

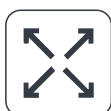


### Long-term Warranty

10-year product warranty



### Good-looking on the wall



### Flexible Investing

Expandable to 6.14-92.1kWh



### Flexible Build in BMS

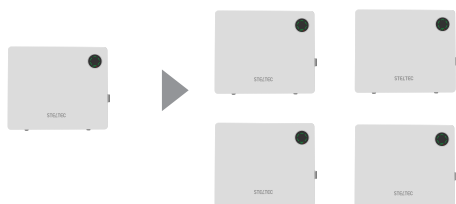
Monitored for 24\*7



### Easy Installation

Plug and play

## LV Series Flex-L1

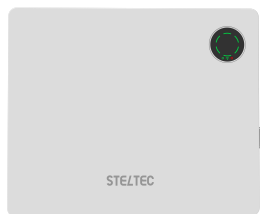


Max. 15 modules in parallel

Maximum capacity of

**92.1 kWh**

## TECHNICAL PARAMETERS



<b>Product Type</b>	<b>Flex-L4</b>
<b>Battery Model</b>	STE-BWO-6140
<b>Battery System Capacity</b>	6.14kWh
<b>Cell Technology</b>	Li-ion(LFP)
<b>Usable Capacity</b>	5.53kWh
<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>	578*225*471mm
<b>Net Weight</b>	62kg
<b>Scalability</b>	Max. 15 systems in parallel operation
<b>Installation</b>	Wall mounted only
<b>Depth of Discharge</b>	90%
<b>Charge/Discharge Power Rate(Recommended)</b>	4.1kW
<b>Charge/Discharge Power Rate(Max)</b>	5.12kW
<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>	0°C~50°C
<b>Discharging Temperature</b>	-20°C~50°C
<b>Humidity</b>	5%-95%
<b>Max. Operating Altitude</b>	2,500m
<b>Certificates</b>	IEC62619 / IEC61000 / CE / UN38.3 / MSDS

