

# 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 10.24-153.6kWh  
Compatible with major brand inverters



### Wi-fi Connectivity

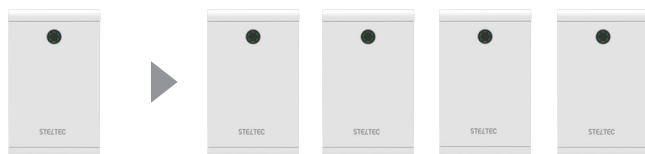
Built-in Wi-Fi,  
supports APP OTA upgrade



### IP65 Protection

Fearless of outdoor installation,  
strong environmental adaptability

## LV Series Flex-L4

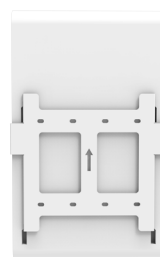
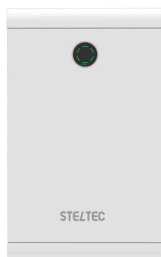


Max.15 modules in parallel

Maximum capacity of

# 153.6kWh

## TECHNICAL PARAMETERS



|                                       |                                                                                                    |
|---------------------------------------|----------------------------------------------------------------------------------------------------|
| Product Type                          | <b>Flex-L4</b>                                                                                     |
| 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)<br>0°C~55°C (without heating)                                            |
| Discharging Temperature               | -20°C~55°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)<br>Heating system (optional), Wheels(optional) |
| Certificates                          | IEC62619 / IEC61000 / CE / UN38.3 / MSDS                                                           |



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