

Energy Storage Battery LV Series Flex-L4-100I



KEY FEATURES



Ultra Safe

Intelligent fire extinguishing system



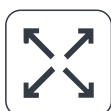
Easy Installation

Support wall-mounted, floor-mounted installations



Flexible build in BMS

Monitored for 24*7



Flexible Investing

Expandable to 5.12-76.8kWh
Compatible with major brand inverters



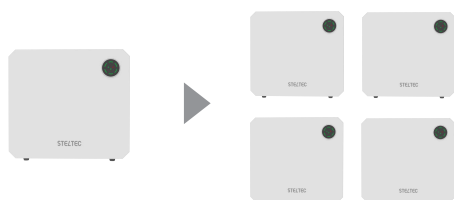
Wi-fi Connectivity

Built-in Wi-Fi,
supports APP OTA upgrade



1C Discharge and Charge Rate

LV Series Flex-L4-100I



Max.15 modules in parallel

Maximum capacity of

76.8kWh

TECHNICAL PARAMETERS



Product Type	Flex-L4-100I
Battery Model	STE-BWI-5120
Battery System Capacity	5.12kWh
Cell Technology	Li-ion(LFP)
Battery Cell Capacity	100Ah
Configuration	1P16S
Nominal Voltage	51.2V
Operating Voltage Range	45.6~56.2V
Dimension(W*D*H)	520*142*470(mm)
Net Weight	45kg
Scalability	Max. 15 systems in parallel operation
Installation	Wall mounted or floor mounted
Depth of Discharge	90%
Charge/Discharge Current(Recommended)	50A
Charge/Discharge Current(Max)	100A
Cooling Method	Natural convection
Communication Port	RS232, RS485, CAN
Protection Class	IP20
Environment	Indoor
Charging Temperature	0°C~55°C
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	Build in Wi-Fi module, APP OTA function
Certificates	IEC62619 / IEC61000 / CE / UN38.3 / MSDS