STELTEC

Energy Storage Battery
3U Series
Basic-L1



KEY FEATURES

Ultra Safe
Lithium Battery (LFP) cells

Long-term Warranty
10-year product warranty

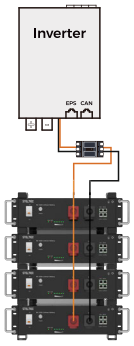
1C Discharge and Charge Rate

Flexible Investing
Expandable to 5.22-78.3kWh

Flexible Build in BMS
Monitored for 24*7

Easy Installation
Only 46kg/pcs

3U Series Basic-L1



Maximum capacity of

78.3kWh

Max.15 modules in parallel

STELTEC

TECHNICAL PARAMETERS



Product Type	Basic-L1
Battery Model	BU-5220
Battery System Capacity	5.22kWh
Cell Technology	Li-ion(LFP)
Battery Cell Capacity	102Ah
Configuration	1P16S
Nominal Voltage	51.2V
Operating Voltage Range	45.6~56.2V
Dimension(W*D*H)	440*550*130(mm)
Net Weight	46kg
Scalability	Max. 15 systems in parallel operation
Installation	Floor stand
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
Operating Temperature	0°C~50°C
Shelf Temperature	-20°C~50°C
Humidity	5%-95%
Max. Operating Altitude	2,500m
Cycle Life	>8000 @25°C, 0.5C, 90% DOD
Certificates	IEC62619 / IEC61000 / CE / UN38.3 / MSDS