

STELTEC

Make your home
Safe, stable and smart

Energy Storage Battery LV Series

www.steltec-ess.com
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Unique Design
New wall mount design



Flexible Capacity
Max.15pcs in Parallel to
extend capacity



Safe & Reliable
Lithium Iron
Phosphate (LFP) Cell



LED Display
SOC, Battery Status



Intelligent Build in BMS
Monitored for 24*7

MEDA202504V1

PRODUCT FEATURES

(Unit:mm)

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Product type	Flex-L3	
Technical Specification		
Battery Model	STE-BSW-10240	STE-BSW-14336
Nominal Voltage	51.2V	
Nominal Capacity	200Ah	280Ah
Energy	10240Wh	14336Wh
Battery Chemistry	Lithium Iron Phosphate(LiFePO4)	
Cycle Life	6000cycles@80%DOD, 25°C, 0.5C	
Operating Voltage Range	44.8V~56.16V	
Communication Port	RS232, CAN, RS485	
Scalability	Up to 15 units	
Expansion Function	/	Wheels(Optional)
Operation Life	10 years	
Extendedfunction	Thermal aerosol fire extinguishing device (standard) Heating system (optional)	
Charging and Discharging		
Recommend Charge/Discharge Current	100A	140A
Maximum Continuous Charge/Discharge Current	200A	200A
Environmental		
Operation Environment	Indoor or Outdoor Eaves	
Charging Temperature	-20°C-55°C(with heating) 0°C~55°C(without heating)	
Discharging Temperature	-20°C~60°C	
Max. Operating Altitude	≤3000m	
Cooling Method	Natural Convection	
IP Rating	IP65	
Dimension and Weight		
Net Dimensions(H*L*W)	780*470*227mm	800*500*227mm
Weight	96.6KG	133.58KG
Installation	Floor stand or Wall mounted	
Standard Compliance (more available upon request)		
Certificates	IEC62619 / IEC61000 / IEC62040 / CE / UN38.3	