

STELTEC

Make your home
Safe, stable and smart

Energy Storage Battery LV Series

www.steltec-ess.com
sales@steltec-ess.com

Flex-L2



Flexible and Scalable
Capable of paralleling up to 15 units



Easy Installation and Use
Compatible with 48V Inverters



Battery Terminal
Support 250A



High Energy Density Design
1780 Wh/kg



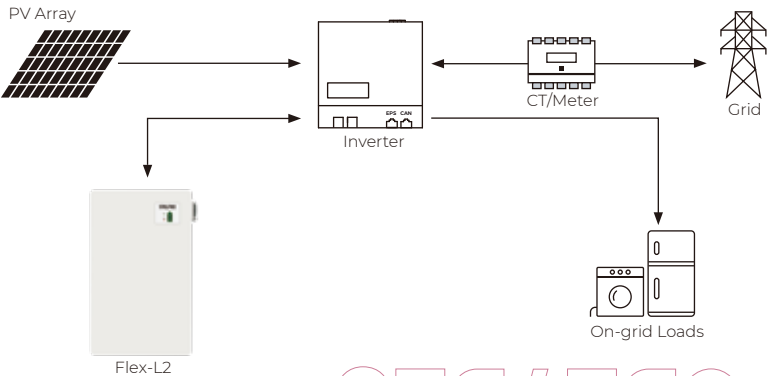
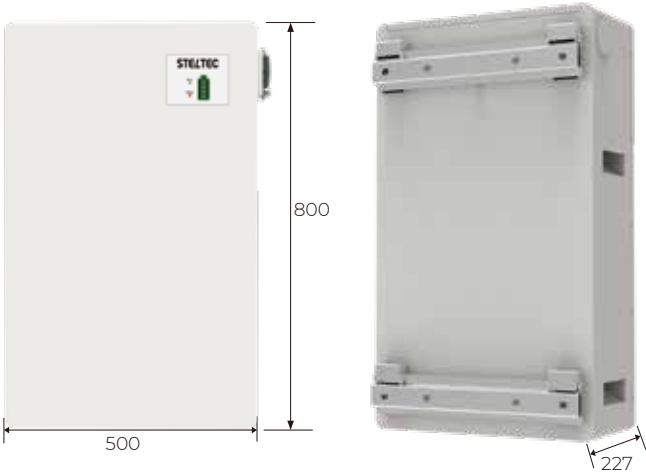
Certifications
UN38.3, MSDS, CE-ROHS, IEC-61000

MEDA202409V1

PRODUCT FEATURES

(Unit:mm)

STELTEC



Product type	Flex-L2
Technical specification	
Battery model	STE-BSW-14336
Nominal Voltage	51.2V
Rated Capacity	280Ah
Energy	14336Wh
Battery	Lithium iron phosphate (LiFePO4)
Life Cycle	6,000 times @25°C, 0.5C
Operating Voltage Range	44.8~56.16V
Communication Port	CAN/RS485/RS232
Scalability	Up to 15 units
Charging and Discharging	
Recommend charge/discharge current	140A
Maximum continuous charge/discharge current	200A
Environment	
Operation Enviroment	Indoor/Outdoor
Charging temperature	0°C to 55°C
Discharging temperature	-20°C to 55°C
Storage temperature	-10°C to 45°C
Max. operating altitude	3,000m (9,843ft.)
Cooling	Natural convection
Protection Class	IP20
Structure	
Dimension (L*W*H)	800*500*227mm
Weight(KG)	128.9KG
Installation	Floor stand or Wall mounted