EcoBSS

ECOBSS STORE L15A

The ECOBSS STORE L15A energy storage system is a solution designed for efficiency and safety. It provides uninterrupted power supply for your home or business, even in the event of a grid failure. This reliable solution ensures energy stability, protecting your devices and maintaining operational continuity. The LiFePO4 cells offer high durability, excellent efficiency, and safe usage.

Safety

Advanced BMS - LiFePO4 technology

Single module capacity

15kWh, prismatic battery cell Grade “A”

Ease of installation

Ground mounting

Scalability

Possibility of connecting parallel modules up to 245kWh

Compatibility

Compatible with most low-voltage inverters available on the market

Fire protection

Emergency Power Off (EPO) switch, automatically triggered extinguishing agent

Local service

Service and technical support in Poland

Technical data

Producer brand	ECOBSS	ECOBSS	ECOBSS
Product model	STORE L15/200	STORE L15/100	STORE L15/40
Nominal voltage	51,2V	51,2V	51,2V
Output voltage range	43.2V~58.4	43.2V~58.4	43.2V~58.4
Charging voltage	57.6V~58.4V	57.6V~58.4V	57.6V~58.4V
Technology/cell type	LFP Prismatic	LFP Prismatic	LFP Prismatic
Battery cell grade	Grade A	Grade A	Grade A
Nominal capacity	15000 Wh/15 kWh	15000 Wh/15 kWh	15000 Wh/15 kWh
Usable capacity	14250 Wh/14,25 kWh	14250 Wh/14,25 kWh	14250 Wh/14,25 kWh
Nominal charge/discharge power	9,60 kW	4,80 kW	1,92 kW
Efficiency	98%	98%	98%
Max. charge/discharge power	<= 200A	<= 100A	<= 40A
Recommended charging current	90A	90A	40A
Discharge overcurrent protection	210A alarm, 220A switch-off	110A alarm, 120A switch-off	50A alarm, 60A switch-off
Charge overcurrent protection	200A alarm, 220A switch-off	100A alarm, 120A switch-off	40A alarm, 60A switch-off
Possibility to combine modules	parallel up to do 16pcs. (245,76kWh)	parallel up to do 16pcs. (245,76kWh)	parallel up to do 16pcs. (245,76kWh)
Communication interface	CAN/RS-485	CAN/RS-485	CAN/RS-485
Charge level indicator - Soc	LED	LED	LED
Turn-off Switch	YES	YES	YES
EPO - fire protection	YES	YES	YES
Additional fire protection	Aerosol fire extinguishe	Aerosol fire extinguishe	Aerosol fire extinguishe
Operation signaling	LED	LED	LED
Operating made selection	DIP switch	DIP switch	DIP switch
Dimensions W x Lx H (mm)	415 x 240 x 825 mm	415 x 240 x 825 mm	415 x 240 x 825 mm
Weight	~118kg	~118kg	~118kg
Noise level	0 dB	0 dB	0 dB
Charging temperature	0˚C - 55˚C	0˚C - 55˚C	0˚C - 55˚C
Humidit	≤90% (40˚C±2˚C)	≤90% (40˚C±2˚C)	≤90% (40˚C±2˚C)
Lifespan in cycles	>6000(0.2C, ~25˚C, 80%DOD)	>6000(0.2C, ~25˚C, 80%DOD)	>6000(0.2C, ~25˚C, 80%DOD)
Accessories	Communication and power cabling (50mm²); wall mounting brackets	Communication and power cabling (50mm²); wall mounting brackets	Communication and power cabling (50mm²); wall mounting brackets
Warranty*	10 years	10 years	10 years

*Provided that the product is registered on the manufacturer's website www.ecobss.com

Warranty terms, user manual, and other files for download at www.ecobss.com

Distributor