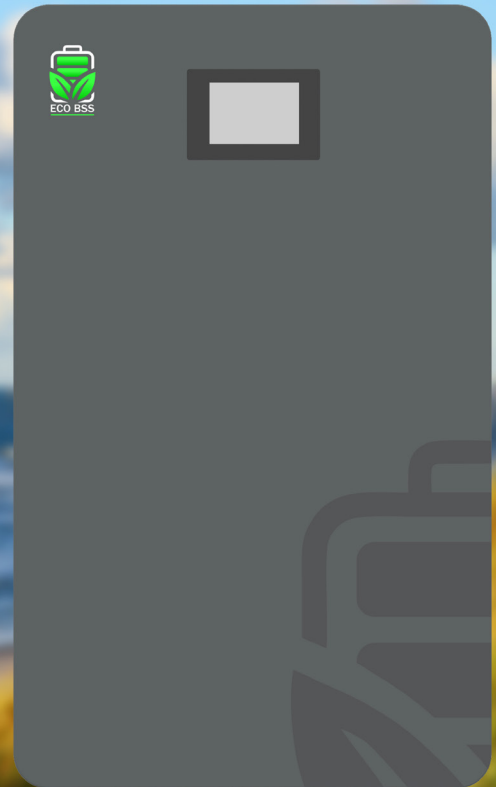




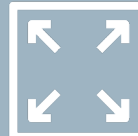
ECOBSS STORE L10

The ECOBSS STORE L10 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

10 kWh, prismatic battery cell
Grade "A"



Ease of installation

Ground mounting



Scalability

Possibility of connecting parallel
modules up to 160kWh



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 L10/150	STORE L10/100	STORE L10/40
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	10000Wh/10kWh	10000Wh/10kWh	10000Wh/10kWh
Usable capacity	9 500Wh/9,5kWh	9 500Wh/9,5kWh	9 500Wh/9,5kWh
Nominal charge/discharge power	7,20kW	4,80kW	1,92kW
Efficiency	98%	98%	98%
Max. charge/discharge power	<= 150A	<= 100A	<= 40A
Recommended charging current	60A	60A	40A
Discharge overcurrent protection	160A alarm, 170A switch-off	110A alarm, 120A switch-off	50A alarm, 60A switch-off
Charge overcurrent protection	150A alarm, 170A switch-off	100A alarm, 120A switch-off	40A alarm, 60A switch-off
Possibility to combine modules	parallel up to do 16pcs. (160kWh)	parallel up to do 16pcs. (160kWh)	parallel up to do 16pcs. (160kWh)
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 mode selection	DIP switch	DIP switch	DIP switch
Dimensions W x L x H (mm)	412 x 680 x 231 mm	412 x 680 x 231 mm	412 x 680 x 231 mm
Weight	~85kg	~85kg	~85kg
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	Necessary wires, mounting accessories, user manual, warranty card	Necessary wires, mounting accessories, user manual, warranty card	Necessary wires, mounting accessories, user manual, warranty card
Warranty*	10 years	10 years	10 years

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

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