



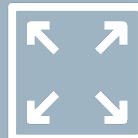
ECOBSS STORE L5

The ECOBSS STORE L5 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

5kWh, prismatic battery cell
Grade "A"



Ease of installation

Ground mounting



Scalability

Possibility of connecting parallel
modules up to 80kWh



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 L5/100	STORE L5/50	STORE L5/20
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	5000Wh/5kWh	5000Wh/5kWh	5000Wh/5kWh
Usable capacity	4750Wh/4,75kWh	4750Wh/4,75kWh	4750Wh/4,75kWh
Nominal charge/discharge power	4,86kW	2,48kW	0,97kW
Efficiency	98%	98%	98%
Max. charge/discharge power	<= 100A	<= 50A	<= 20A
Recommended charging current	30A	30A	20A
Discharge overcurrent protection	110A alarm, 120A switch-off	60A alarm, 70A switch-off	30A alarm, 50A switch-off
Charge overcurrent protection	100A alarm, 120A switch-off	50A alarm, 70A switch-off	40A alarm, 60A switch-off
Possibility to combine modules	równolegle do 16pcs. (80 kWh)	równolegle do 16pcs. (80 kWh)	równolegle do 16pcs. (80 kWh)
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)	480 x 442 x 155 mm	480 x 442 x 155 mm	480 x 442 x 155 mm
Weight	~47 kg	~47 kg	~47 kg
Noise level	0 dB	0 dB	0 dB
Charging temperature	0°C - 55°C	0°C - 55°C	0°C - 55°C
Humidit	5%-95% RH	5%-95% RH	5%-95% RH
Lifespan in cycles	>6000(0.2C, -25°C, 80%DOD)	>6000(0.2C, -25°C, 80%DOD)	>6000(0.2C, -25°C, 80%DOD)
Warranty*	10 years	10 years	10 years

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

Distributor

