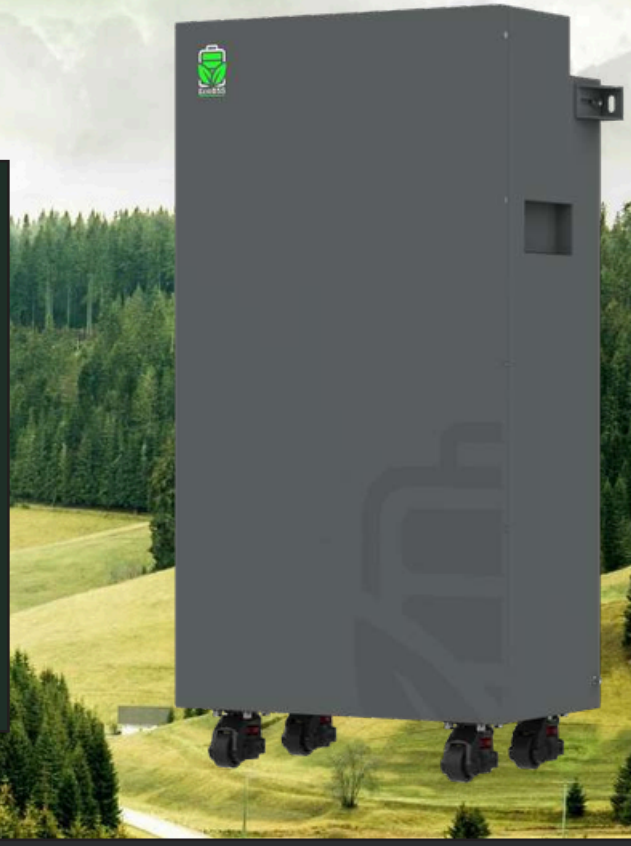
INVERSOL
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ECOBSS STORE L20

The ECOBSS STORE L20 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

Ease of installation
Ground mounting

Compatibility
Compatible with most low-voltage inverters available on the market

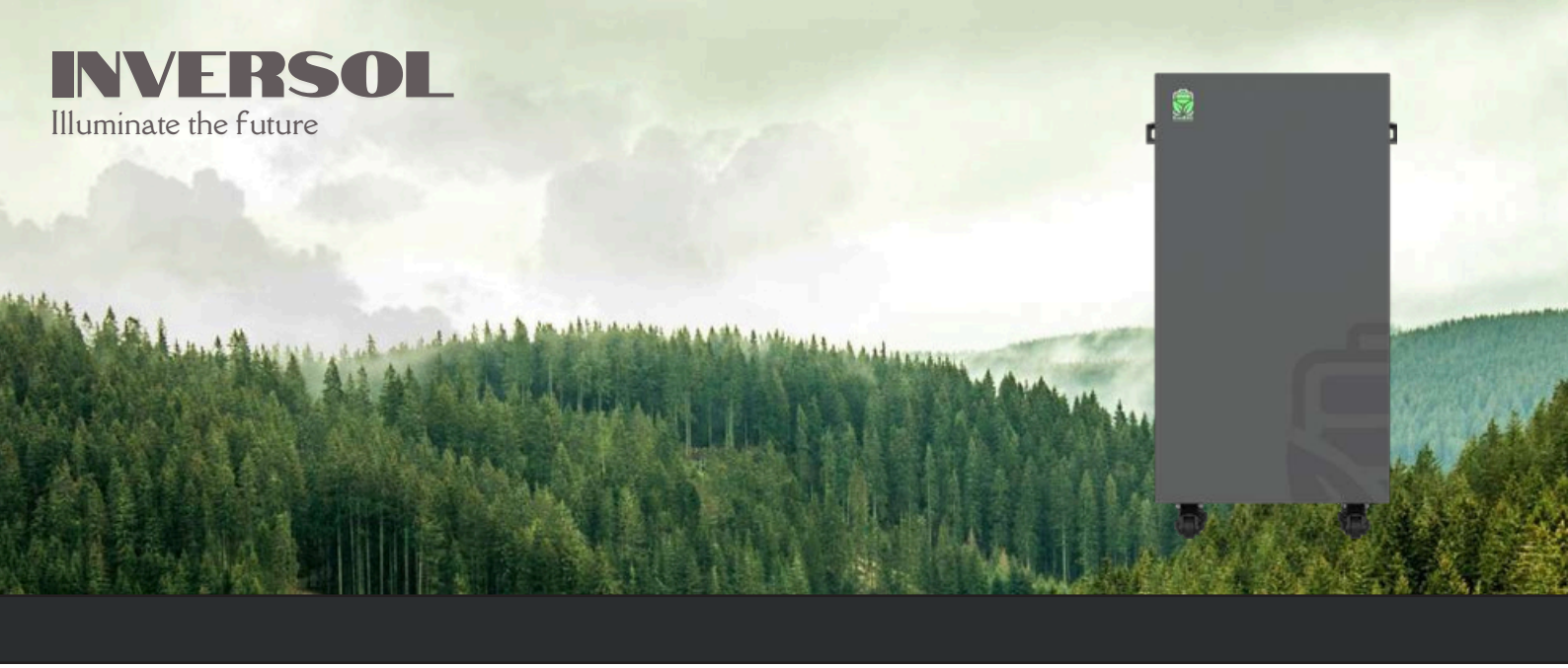
Local service
Service and technical support in Georgia

Single module capacity
20kWh, prismatic battery cell Grade “A”

Scalability
Possibility of connecting parallel modules up to 321kWh

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

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Technical data

Product brand	ECOBSS	ECOBSS	ECOBSS
Product model	STORE L20/200	STORE L20/100	STORE L20/40
Nominal voltage	51,2V	51,2V	51,2V
Output voltage range	43.2V~58.4V	43.2V~58.4V	43.2V~58.4V
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	20070Wh/20.07kWh	20070Wh/20.07kWh	20070Wh/20.07kWh
Usable capacity	19066Wh/19.06kWh	19066Wh/19.06kWh	19066Wh/19.06kWh
Nominal charge/discharge power	9,60kW	4,80kW	1,92kW
Efficiency	98%	98%	98%
Max. charge/discharge current	<= 200A	<= 100A	<= 40A
Recommended charging current	60A	50A	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 16 pcs. (321,12kWh)	parallel up to 16 pcs. (321,12kWh)	parallel up to 16 pcs. (321,12kWh)
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 extinguisher	Aerosol fire extinguisher	Aerosol fire extinguisher
Operation signaling	LED	LED	LED
Operating mode selection	DIP switch	DIP switch	DIP switch
Dimensions H x W x D (mm)	895 x 450 x 250 mm	895 x 450 x 250 mm	895 x 450 x 250 mm
Net weight	~139 kg	~139 kg	~139 kg
Noise level	0 dB	0 dB	0 dB
Operating temperature	0˚C - 55˚C	0˚C - 55˚C	0˚C - 55˚C
Humidity	≤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)
Included 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

Distributor company

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