

HECKMAN

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WLFP51200A

European product
EAN Code 590



Safety

Advanced BMS - LiFePO4 technology



Single module capacity

10 kWh, battery cell Grade "A"



Ease of installation

Wall or ground mounting



Scalability

Possibility of connecting parallel modules up to 160 kWh



Compatibility

Cooperation with most of low-voltage inverters



Efficiency

High charging and discharging current





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Technical data

Producer brand	Heckman	Heckman	Heckman
Product model	WLFP51200A/200	WLFP51200A/100	WLFP51200A/40
Nominal voltage	51 V	51 V	51 V
Cells capacity	100 Ah	100 Ah	100 Ah
Number of cell ls	16S2P	16S2P	16S2P
Technology/cell type	LiFePO4	LiFePO4	LiFePO4
Battery cell grade	Grade A	Grade A	Grade A
Nominal capacity	10240 Wh/10,24 kWh	10240 Wh/10,24 kWh	10240 Wh/10,24 kWh
Usable capacity	9720 Wh/9,72 kWh	9720 Wh/9,72 kWh	9720 Wh/9,72 kWh
Nominal charge/discharge power	9,72 kW	4,86 kW	1,94 kW
Efficiency	95%	95%	95%
Max. charge/discharge power	<= 200A(1C)	<= 100A(0,5C)	<= 40A(0,2C)
Recommended charging current	60A(0,3C)	60A(0,3C)	40A(0,2C)
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 16szt. (163,84kWh)	parallel up to 16szt. (163, kWh)	parallel up to 16szt. (163,84kWh)
Communication interface	CAN/RS-485	CAN/RS-485	CAN/RS-485
Charge level indicator - Soc TurnOff	LED	LED	LED
Switch	YES	YES	YES
EPO - fire protection	YES	YES	YES
SWork made indicator	LED	LED	LED
Operating mode selection	DIP switch	DIP switch	DIP switch
Dimensions W x L x H (mm)	570 x 202 x 855 mm	570 x 202 x 855 mm	570 x 202 x 855 mm
Weight	90 kg	90 kg	90 kg
Noise level	0 dB	0 dB	0 dB
Working temperature	-15°C - 60°C	-15°C - 60°C	-15°C - 60°C
Charging 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)
IP protection level	IP21	IP21	IP21
Warranty	10 years	10 years	10 years

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