

HECKMAN

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MLFP51300A

European product
EAN Code 590



CE



Safety

Advanced BMS - LiFePO4 technology



Single module capacity

15,36 kWh, battery cell Grade "A"



Ease of installation

Ground mounting



Scalability

Possibility of connecting parallel modules up to 245,76 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	MLFP51300A/200	MLFP51300A/100	MLFP5 1300A/40
Nominal voltage	51 V	51 V	51 V
Cells capacity	150 Ah	150 Ah	150 Ah
Number of cell Is	16S2P	16S2P	16S2P
Technology/cell type	LFP Prismatic	LFP Prismatic	LFP Prismatic
Battery cell grade	Grade A	Grade A	Grade A
Nominal capacity	15360 Wh/15,36 kWh	15360 Wh/15,36 kWh 14580	15360 Wh/15,36 kWh
Usable capacity	14580 Wh/14,58 kWh	Wh/14,58 kWh	14580 Wh/14,58 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 Charge	210A alarm, 220A switch-off	110A alarm, 120A switch-off	50A alarm, 60A switch-off
overcurrent protection Possibility to	200A alarm, 220A switch-off	100A alarm, 120A switch-off	40A alarm, 60A switch-off
combine modules Communication	równolegle do 16szt. (245,76kWh)	równolegle do 16szt. (245,76kWh)	równolegle do 16szt. (245,76kWh)
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 made selection Dimensions W	DIP switch	DIP switch	DIP switch
x Lx H (mm) Weight	527 x 233 x 810 mm	527 x 233 x 810 mm	527 x 233 x 810 mm
Noise level	135 kg	135 kg	135 kg
Working temperature	0 dB	0 dB	0 dB
Charging temperature	-15°C - 60°C	-15°C - 60°C	-15°C- 60°C
Humidity	0°C - 55°C	0°C - 55°C	0°C - 55°C
Warranty	≤90 % (40°C ± 2°C)	≤90 % (40°C ± 2°C)	≤90 % (40°C ± 2°C)
	10 years	10 years	10 years

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