

HECKMAN

TECHNOLOGY serves MAN



MLFP51300A

European product
EAN Code 590



Safety

Advanced BMS – LiFePO4 technology



Single module capacity

15,36 kWh, battery cell Grade "A"



Ease of installation

Wall or 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



HECKMAN

TECHNOLOGY serves MAN

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	300 Ah	300 Ah	300 Ah
Number of cell Is	16S2P	16S2P	16S2P
Technology/cell type	LiFePO4	LiFePO4	LiFePO4
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	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 to 16pcs.(245,76kWh)	parallel to 16pcs.(245,76kWh)	parallel to 16pcs.(245,76kWh)
	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	DIP switch	DIP switch	DIP switch
Dimensions W x L x H (mm)	527 x 233 x 810 mm	527 x 233 x 810 mm	527 x 233 x 810 mm
Weight	135 kg	135 kg	135 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

HECKMAN Sp. z o.o.
ul. Kolumba 43/47
02-288 Warszawa

NIP: 9522156846
KRS: 0000658690
REGON: 366361579

+48 22 100 59 60
kontakt@heckman.pl