



Me Energy LITHIUM

Me Lithium batteries (LiFePO4) from Me Energy are easy to install and do not need to use additional external components.

Me Lithium have an internal integrated BMS, that protect and disconnect the batterie in case of: overcharge, overdischarge, high voltage or hight temperature.

With an integrated Smart connection used for monitor the different parameters of the battery, using IOS / Android app.

The efficiency and therefore the performance of this batteries, compared with lead-acid batteries is much higher, arriving to and efficiency up to 92 %.

This lithium batteries can be connected in serial or parallel, with a maximum of 4 batteries, and application possibilities at 12, 24 or 48 volts.

Me energy lithium batteries have a large application field: Renewable Energy systems, Recreational Vehicles, Nautical, electrical vehicles, platforms, UPS, floor care machines ...



Me Energy LITHIUM



Model	Lithium 12-100	Lithium 12-150	Lithium 12-200
Nominal Capacity Ah	100 Ah	150 Ah	220 Ah
Nominal Capacity Wh	1250 Wh	1875 Wh	2500 Wh
Nominal Voltage	12,8 V	12,8 V	12,8 V
Operating voltajge range	11,0 - 14,6 V	11,0 - 14,6 V	11,0 - 14,6 V
Nominal charge / discharge current	50 Amp	75 Amp	100 Amp
Max charge / discharge current (30 sec)	150 Amp	150 Amp	150 Amp
Connection	M8	M8	M8
Dimmensions (l x h x w)	330 x 171 x 220 mm	484 x 170 x 241 mm	522 x 260 x 225 mm
Weight	13,5 Kgr	18,2 Kgr	24,5 Kgr
BMS System	Integrated		
Monitoring	Bluetooth 4.0 - App IOS - Android		
Interconnection	Serial or parallel. Maximum 4 batteries, 12, 24 or 48 V		
Protection Grade	IP56		
Charge temperature range	0 °C to 45 °C		
Discharge temperature range	-10 °C to 60 °C		
Storage temperature range	-20 °C to 60 °C		
Cycles	≥3000 @80% DoD		
Warranty	2 years		