

Me Energy LITHIUM BA

Version 2.0

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 battery in case of: overcharge, overdischarge, high voltage or high 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 an 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	200 Ah
Nominal Capacity Wh	1280 Wh	1920 Wh	2560 Wh
Internal resistance	< 15mΩ	< 12mΩ	< 10mΩ
Nominal Voltage	12,8 V	12,8 V	12,8 V
Operating voltage range	11,2 - 14,6 V	11,2 - 14,6 V	11,2 - 14,6 V
Nominal charge / discharge current	50 Amp	75 Amp	100 Amp
Max charge / discharge current (30 sec)	100 Amp	150 Amp	200 Amp
Connection	M8	M8	M8
Dimensions (l x h x w)	330 x 171 x 220 mm	483 x 170 x 245 mm	522 x 244 x 223 mm
Weight	9,5 Kgr	15,5 Kgr	18,5 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	-20 °C to 60 °C		
Storage temperature range	-5 °C to 60 °C		
Cycles	≥3000 @80% DoD		
Warranty	2 years		