MOLL special Li

MOLL Lithium Iron Phosphate Technology ($LiFePO_4$)

Our product series of MOLL special Li supply batteries, based on lithium iron phosphate technology ($LiFePO_4$ or LFP), offers many advantages compared to conventional lead batteries. The usable capacity of lithium-ion batteries (100%) is unbeaten and twice as high. And besides of the extremly long cycle life the battery is very safe and light.

Customer benefits of MOLL special Li

- totally usable capacity
- high discharge currents
- longer cycle life
- weight reduction
- lower self-discharge
- highest degree of safety

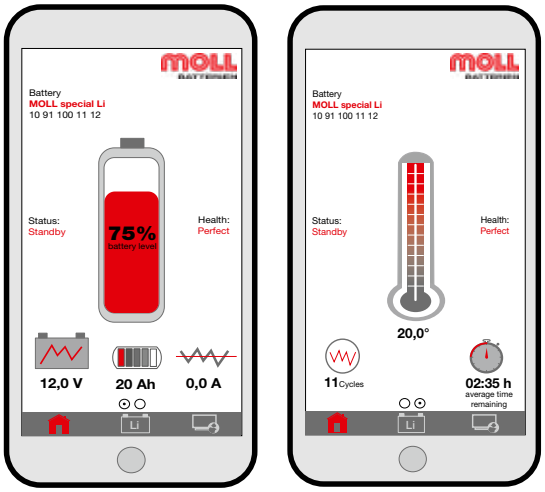
MOLL special Li - scope of application:

caravan | boat | suitable for solar applications | lift truck/AGV | Golf Cart | wheelchair

Series connection enables a flexibel adaption of the operation voltage depending on the application field (e.g. for 24V- or 48V-systems).

Modern communication:

By means of the modern bluetooth communication interface and the MOLL App, the BMS can be read out anytime and the data can be processed externally. The App is availible for android and iOS-systems and is ready for download at moll-batterien.de and in the relevant App-Store.



MOLL type no.	Technology	voltage	data interface	terminal position	terminal type	capacity Ah (20h)	energy content Wh	max. discharge current continuous A	max. discharge current peak load A	max. outer dimensions [mm] length	width	height
MOLL *special* Li												
10 91 024 01 12	$LiFePO_4$	12,8V	Bluethooth/App	0	1	24	307	24	60	165	125	175
10 91 040 01 12	$LiFePO_4$	12,8V	Bluethooth/App	0	1	40	538	40	60	198	166	170
10 91 060 11 12	$LiFePO_4$	12,8V	Bluethooth/App	0	1	60	768	100	200	242	175	190
10 91 084 11 12	$LiFePO_4$	12,8V	Bluethooth/App	0	1	84	1075	100	200	278	175	190
10 91 100 11 12	$LiFePO_4$	12,8V	Bluethooth/App	0	1	100	1280	100	200	315	175	190
10 91 200 11 12	$LiFePO_4$	12,8V	-	3	1	200	2560	200	400	522	240	218
10 91 105 01 12	$LiFePO_4$	12,8V	CAN 2.0 port	1	M6	105	1344	150	260	353	175	190
10 91 100 01 24	$LiFePO_4$	25,6V	Bluethooth/App	3	1	100	2560	100	200	522	240	218
10 91 200 01 24	$LiFePO_4$	25,6V	Bluethooth/App	3	1	200	5120	120	240	520	269	220