

Technical Data

ELECTRICAL SPECIFICATIONS

Rated voltage	12.8 V
Nominal capacity	100 Ah
Quiescent voltage at 100%	13.6 V
Nominal energy	1280 Wh
Internal resistance	< 10 mΩ
Self-consumption BMS	< 100 μA
Self-discharge	< 3 % per month
Maximum blocks in series	4

DISCHARGE

max. const. disch. current	100 A
Peak discharge current	200 A (7.5 s ±2.5 s)
PCM cut-off current	250 A (±50 A)
Rcmd. cut-off voltage	11 V
PCM cut-off voltage	10 V
Reclosing voltage	11.2 V

CHARGE

Rcmd. charging current	50 A
maximum charge current	100 A
Rcmd. charging voltage	14.6 V
PCM switch-off voltage	15.0 V

MECHANICAL SPECIFICATIONS

Dimensions (L x W x H)	353 x 175 x190 mm
Weight	10,5 kg
Connections	round pole
Housing material	ABS
Protection class	IP 56
Cell type / chemistry	Prismatic LiFePO ₄

TEMPERATURES

Discharge temperature	-20°C to +60°C
Charging temperature	-20°C to +55°C
Storage temperature	-5°C to +35°C

CERTIFICATES

UN38.3

DANGEROUS GOODS CLASSIFICATION

UN 3480, Klasse 9

COMMUNICATION

Bluetooth 4.0 for Android / iOS app



Bluetooth

LiFePo₄