


Dimension (without cabel & connector)

Length	300mm
Width	65mm
Height	97mm
Weight	2,75kg


Electrical Specification

Nominal Voltage	12V (12,8V)
Nominal Capacity	18Ah (c20)
Energy	230Wh
Resistance	$\leq 40\text{m}\Omega$ (fully charged @25°C)
Self discharge	<3% / month
Life Cycle	≤ 2500 times @ 25°C / 80% DOD

Charge Specifications

Recommended charge current	10A
Max. charge current	20A
Recommended charge voltage	14,6V
Max. Charge Voltage	14,8V
Charge mode	CC/CV
Overcharge Protection Voltage	14,9V - 15,2V
Charge temperature	0°C ~ +50°C

Discharge Specifications

Max. continious discharge current	18A
Puls current ($\leq 5\text{s}$)	70A
BMS discharge cut-off	10V
Short-circuit protection ($< 10\text{ms}$)	approx. 120A
Discharge temperature	-20°C ~ +60°C
Charging temperature	0°C ~ +45°C

