

**Model**

**MEGABATT-9**



**Easy** installation  
and maintenance

High security **LFP**  
battery & reliable **BMS**

Up to **94%**  
max efficiency

Support **parallel**  
connection to maximize energy

**120A**  
charge/discharge

**5000**  
life cycles @ 1C



# DATASHEET

Model	MEGABATT-9
-------	------------

## Battery Module

Rated energy	9.216kWh
Rated voltage	76.8V
Voltage range	67.2V ~ 85.2V
Rated capacity	120Ah
Max continuous charge/discharge current	120A
Instantaneous max charge/discharge current	144A peak 5S
High temperature charging protection	> 45 °C
High temperature discharge protection	> 50 °C
Low temperature charge protection	≤ 0 °C
Low temperature discharge protection	≤ -20 °C
Operating temperature range	charge 0 °C ~ 45 °C discharge -20 °C ~ 50 °C
Storage temperature range	temperature -30 °C ~ 45 °C
Dimension(W/D/H)	527*677*202 (±2) mm
Weight	85Kg

## Battery Rack

Configuration	9 modules +1 HV BCU Box
Rated capacity	120Ah
Rated energy	82.944kWh
Rated voltage	691.2V
Voltage range	604.8V ~ 766.8V
Rated charge/discharge	1C
BMS	Included
Communication	CAN
Monitoring	RS485
Dimension (W/D/H)	551*730*2222 (±10mm)
Weight	≈1000kg
Protection degree	IP20
Protection	Short circuit protection、Over current protection、Over charge protection、Over discharge protection、Cell over voltage protection、Cell under voltage protection、Over temperature protection

