

PRODUCT SPECIFICATIONS

LITHIUM-ION BATTERY - LiFePO4

MODEL JRT-VT48100



JRT-VT48100 is energy storage module based on Li-ion technology.

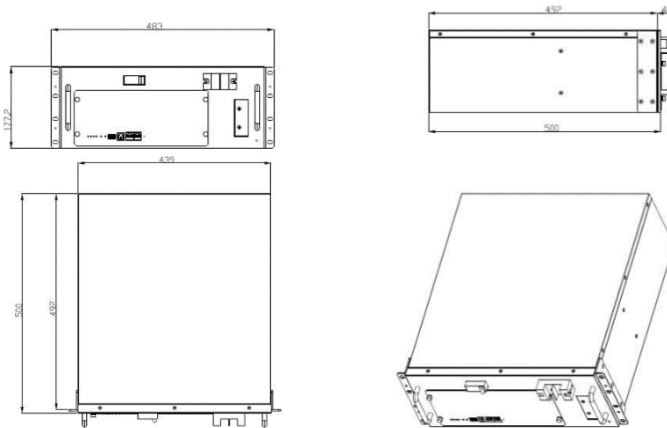
Suitable for various base stations, provide intelligent communication interface, high accuracy of current and voltage, advanced algorithm of SOC & SOH and is easy to install and replace.

Battery Specifications

Model No.	JRT-VT48100
Rated Capacity	100Ah (C5, 0.2C to 40.5V at 25°C)
Nominal Voltage	48V - 15 cells in series
Charge Voltage	54V
Maximum Continuous Charging Current	50A
Voltage at End of Discharge	42V
Maximum Continuous Discharge Current	50A
Cycle Life	2000 cycles
Temperature Range	Charge:0-60°C Discharge: -20-60°C Recommended: 15-35°C
Humidity Range	Storage ≤95% Operation ≤85%
Recommended Storage Temperature	15 – 35°C
Ingress Protection	IP20
Certifications	UN38.3, EMC 2014/30EU, UL 1642
Dimensions	483±2*500±2*177.2±2(mm)
Weight	46Kg
Status Indicators	SOC / ALM / RUN
Communication Ports	RS232 / RS485
Reset Key	Available

Dimensions:

VT48100



Current	0.1C	0.2C	0.5C	0.6C	1C
End Voltage	Time[h]				
46,5	9,93	4,93	1,96	1,54	0,95
45	10,04	4,99	1,99	1,62	0,97
43,5	10,12	5,03	2,01	1,65	0,98
42	10,17	5,06	2,02	1,67	0,99
40,5	10,21	5,08	2,03	1,68	1