

Vestwoods

Telecom Backup LFP Battery Solution

VT48200-A1



High quality LFP cells



Long design life up to 15 +
years @ 25°C



Multiple protection methods
based on patented BMS



CAN/SNMP V2/SNMP V3
(optional)



Intelligent anti-theft solution
(optional) , LCD(optional)



High rate charge / discharge
current @ 50A

SYSTEM SPECIFICAT

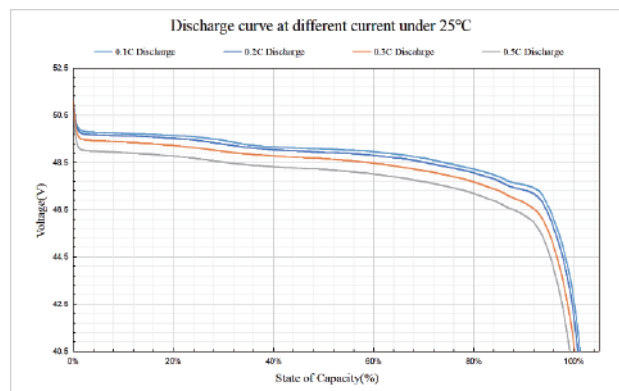
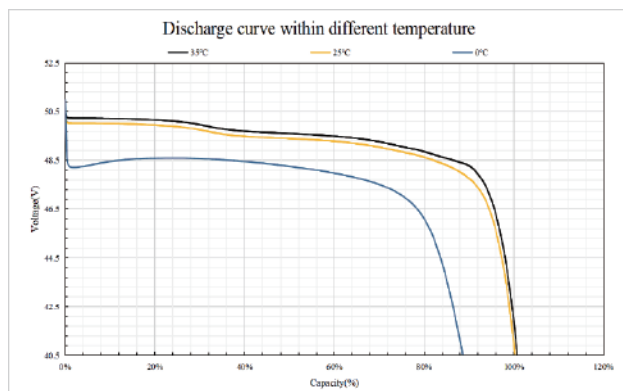
Model	VT48200-A1
Nominal Capacity	200Ah@0.2C, 25°C
Nominal Voltage	48V
RatedR Charge Voltage	54V
Max. Continuous Charge Current	100A@25°C
Discharge Cut-off Voltage	40.5V
Max. Continuous Discharge Current	100A@25°C
Temperature Range of Charge	0°C-60°C
Temperature Range of Discharge	-20°C-60°C
Allowed Humidity Range	≤95% RH
Weight	Approx. 78kg
Dimension(W*H*D)(Exclude mounting ears and hangers)	442*222*490mm
IP	IP20

Constant Current Discharge Data / 25°C

Current/A End voltage/V	0.2C	0.4C	0.6C	0.8C	1C
45.0V	4.78	2.33	1.53	1.10	0.87
43.5V	4.88	2.43	1.57	1.18	0.94
42.0V	5.00	2.46	1.65	1.22	0.97
40.5V	5.15	2.54	1.67	1.24	1.00

Constant Power Discharge Data / 25°C

Power/W End voltage/V	480	960	1440	1920	2200
45.0V	4.76	2.31	1.51	1.08	0.84
43.5V	4.85	2.40	1.54	1.15	0.88
42.0V	4.96	2.42	1.61	1.18	0.92
40.5V	5.11	2.50	1.63	1.20	0.94



Disclaimer:

This document may contain forecast information, including but not limited to future finances, operations, product series, new technologies, etc. Due to practice the uncertainty in the actual results may differ from the predicted information. Therefore, the information in this document is for reference only and does not constitute any offer or promise. Vestwoods may modify the above information without notice.



Vestwoods

Telecom Backup LFP Battery Solution

VT48300



High quality LFP cells



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years @ 25°C



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CAN/SNMP V2/SNMP V3
(optional)



Intelligent anti-theft solution
(optional) , LCD(optional)



High rate charge / discharge
current @ 50A

SYSTEM SPECIFICAT

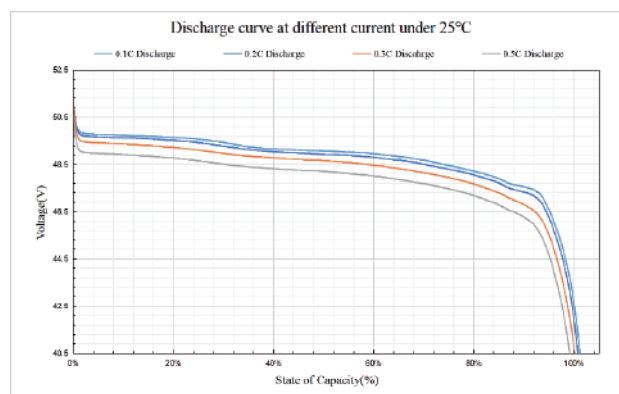
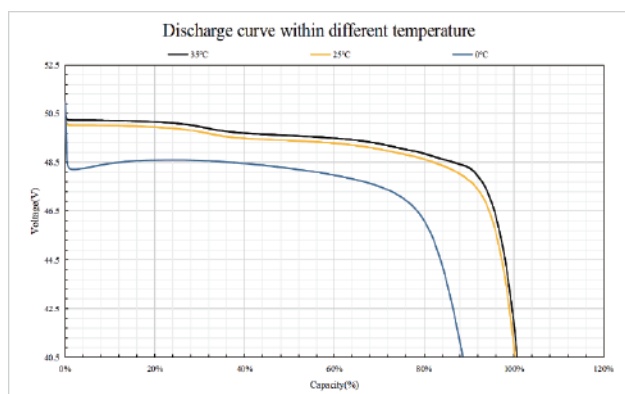
Model	VT48300
Nominal Capacity	300 Ah@0.2C, 25 °C/77 °F
Nominal Voltage	48 V
Limited Charge Current	20 A@ 25 °C/77 °F
Max. Continuous Charge Current	100 A@ 25 °C/77 °F
Temperature Range of Charge	-20°C ~+60°C/-4°F~140°F
Temperature Range of Discharge	0°C ~+60°C/32°F~140°F
Allowed Humidity Range	≤95% RH
Weight	Approx. 103 kg
IP	IP 20
Dimension - W*H*D(Exclude mounting ear and hanger)	442*222.5*600 mm

Constant Current Discharge Data / 25°C

Current/A End voltage/V	0.2C	0.4C	0.6C	0.8C	1C
45.0V	4.78	2.33	1.53	1.10	0.87
43.5V	4.88	2.43	1.57	1.18	0.94
42.0V	5.00	2.46	1.65	1.22	0.97
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