

VT48200-A1



► Telecom Lithium Battery

Intelligent lithium battery, integrated with self-designed BMS and long life LFP cells, which can be widely used in various telecom and energy storage system.

► Design Standards

- ✓ ISO 9001
- ✓ ISO 14001
- ✓ IEC 62619
- ✓ IEC 62620
- ✓ CE
- ✓ UL
- ✓ UN38.3
- ✓ YD/T-2344.1

► Key Features

-  High quality LFP cells
-  Long design life up to 15 + years @ 25°C
-  High rate charge / discharge current @ 100A
-  High efficiency between charge and discharge
-  Multiple protection methods based on patented BMS
-  Intelligent anti-theft solution(optional) , LCD(optional)
-  CAN/SNMP V2/SNMP V3 (optional)

► Specifications

Items	15S
Nominal Capacity	200Ah@0.2C, 25°C
Nominal Voltage	48.0V
Rated Charge Voltage	54.0V
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. 78 kg
Dimension - W*H*D (Exclude mounting ear and hanger)	444*222*490mm
IP	IP 20

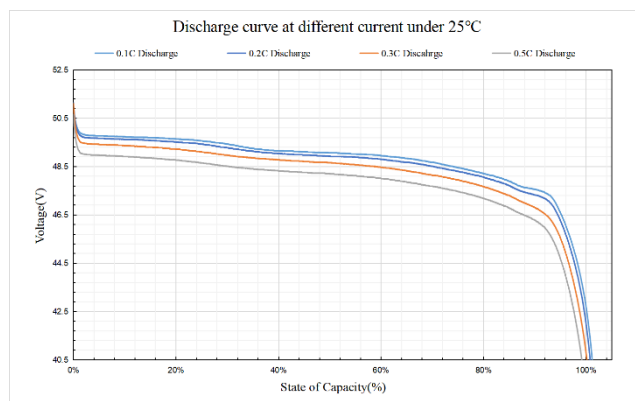
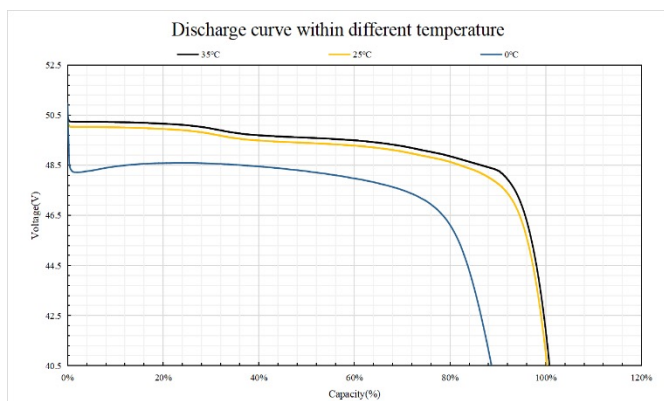
► Constant Current Discharge Data / 25°C

Current/A End voltage/V	0.1C	0.2C	0.3C	0.4C	0.5C
	Hours				
45.0 V	9.77	4.78	3.20	2.33	1.82
43.5 V	9.89	4.88	3.28	2.43	1.93
42.0 V	10.01	5.00	3.35	2.46	1.98
40.5 V	10.06	5.06	3.40	2.54	2.00

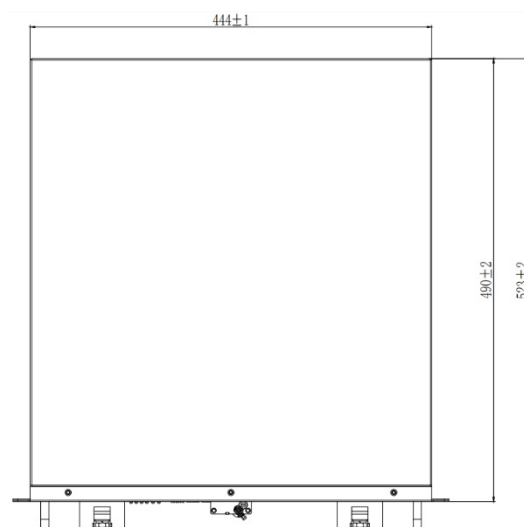
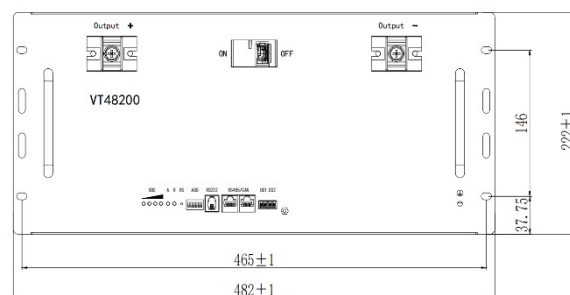
► Constant Power Discharge Data / 25°C

Power/W End voltage/V	960	1920	2880	3840	4400
	Hours				
45.0 V	9.75	4.76	3.18	2.31	1.80
43.5 V	9.87	4.85	3.25	2.40	1.90
42.0 V	10.02	4.96	3.31	2.47	1.94
40.5 V	10.08	5.11	3.36	2.50	1.96

► Discharge Curves



► Drawing



General Disclaimer

Due to product version upgrades or other reasons, the content of this document will be updated from time to time. Unless otherwise agreed, this document is only used as a guide, and all statements, information, and suggestions in this document do not constitute any express or implied warranty.

Hangzhou Vestwoods Technology Co.,Ltd.

Address: Room 3409-3410, UK center, Mansion 2, EFC, Wenyi Road, Yuhang District, Hangzhou

