

## 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

VT-48200B  
SKU: 11523



- 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, LCD(optional)
- Modbus/CAN/SNMP V2/SNMP V3 (optional)

## Technical Specifications

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 approx.
Weight	81 kg
Dimension - W*H*D (Exclude mounting ear and hanger)	445*244*500mm
IP	IP 20

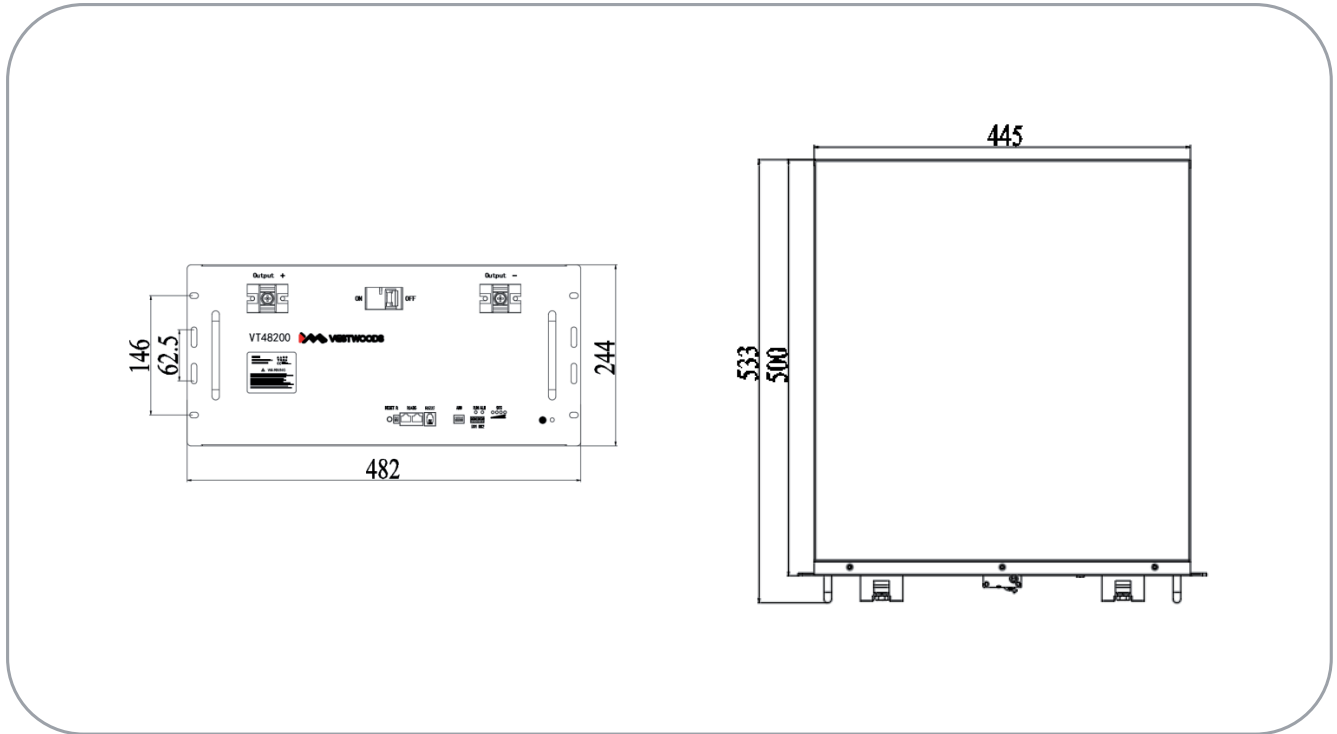
### Constant current discharge data / 25°C

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

Drawing



Technical Curves

