



# 9.60kWh

## Rack Mounting Lithium Battery

**10** YEAR WARRANTY TELECOM LITHIUM BATTERY



V-TAC.EU | VTACEXPORTS.COM



## LISTING DETAILS

Model No: **VT-48200B**

SKU Code: **11523**

EAN Code: **3800157693578**

## MASTER BOX PACKAGING

Qty Per Pallet: **14pcs per pallet**

Net Weight : **Approx. 81kg**

Product Size : **445\*244\*500mm**

## GENERAL DATA

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.

IP IP 20

## MAIN PARAMETER

Nominal Energy 9,6kWh

Usable Energy\* 8,64kWh

Charge/Discharge Current Recommend 50A / Max 100A

Warranty Period 10 years

## CONSTANT CURRENT DISCHARGE DATA / 25°C

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

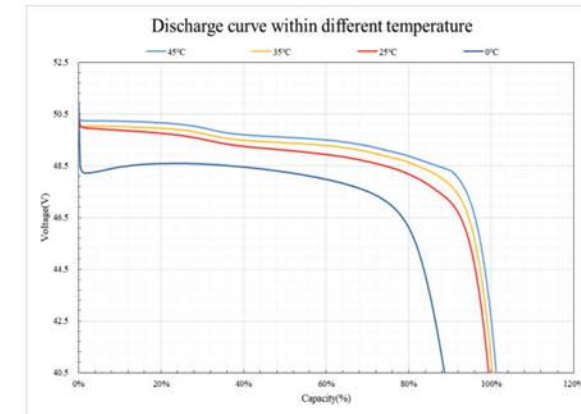
## CONSTANT POWER DISCHARGE DATA / 25°C

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

\* DC Usable Energy, test conditions: 90% DOD, 0,5C charge and discharge at 25°C

- High quality LFP cells
- High rate charge / discharge current @ 100A
- High efficiency between charge and discharge
- Multiple protection methodes based on patented
- BMS Intelligent anti-theft solution, LCD(optional)
- Modbus/CAN/SNMP V2/SNMP V3 (optional)

## TECHNICAL CURVES



## DRAWING

