

# V-TAC

Meaningful Innovation.

# 9.60kWh

# Rack Mounting Lithium Battery

**05** YEAR  
WARRANTY

**TELECOM LITHIUM  
BATTERY**



V-TAC.EU

|

VTACEXPORTS.COM

TUV NORD

CE RoHS

### 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- 60v

Allowed Humidity Range ≤95%RH approx.

IP IP 20

### CONSTANT CURRENT DISCHARGE DATA / 25°C

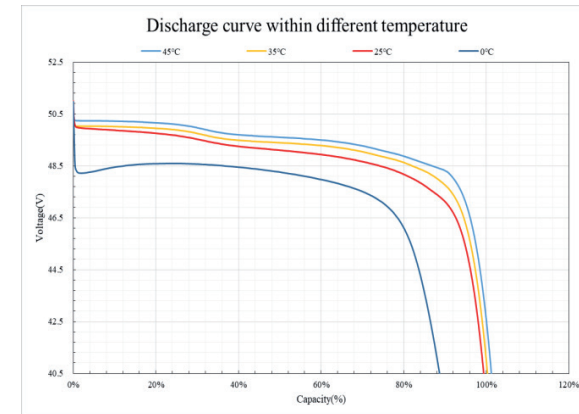
| Current/A<br>End voltage/V | 0.1C  | 0.2C | 0.3C | 0.4C | 0.5C |
|----------------------------|-------|------|------|------|------|
|                            | Hours |      |      |      |      |
| 45.0V                      | 9.77  | 4.78 | 3.20 | 2.33 | 1.82 |
| 43.5 V                     | 9.89  | 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<br>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 |

- 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

