

V-TAC

Meaningful Innovation.

5.12kWh Rack Mounting Lithium Battery

05 YEAR
WARRANTY

**HYBRID ENERGY
STORAGE SYSTEM**



V-TAC.EU

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VTACEXPORTS.COM

TUV NORD

CE RoHS

LISTING DETAILS

Model No: **VT48100E-P2**

SKU Code: **11377**

EAN Code: **3800157689359**

MASTER BOX PACKAGING

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

Net Weight : **Approx. 41kg**

Product Size : **445*400*130 mm**

GENERAL DATA

Nominal Capacity **100Ah@0.2C, 25°C**

Nominal Voltage **51.2V**

Nominal Energy **5.12kWh@0.2C, 25°C**

Charge Voltage **56.8V**

Standard Charge Current **20A@25°C**

Max Continuous Charge Current **100A@25 °C**

Standard Discharge Current **20A@25°C**

Max Continuous Discharge Current **100A@25 °C**

Discharge Cut-off Voltage **42.0V**

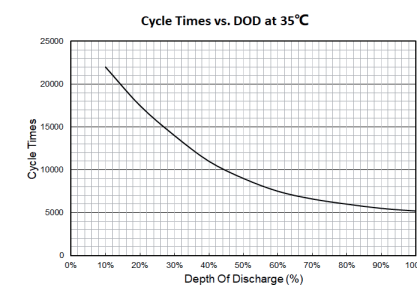
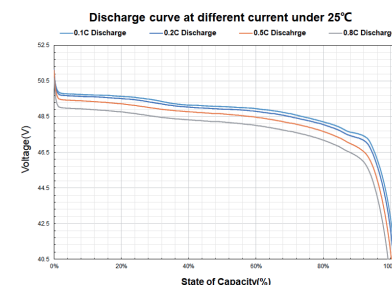
Operating Temperature **Charge : 0~+60°C**

Discharge : -20~+60°C

Allowed Humidity Range **≤95% RH**

IP **IP20**

TECHNICAL CURVES



LiFePO4
CATHODE MATERIAL



Self-designed BMS
International design
certification



LifePO4 cells,
ensuring safety of
the battery



Long cyclic life-6000
cycle (80% DOD)



High rate
charge/discharge
current @ 100A



Modular design
Easy expandability