



Meaningful Innovation.

5.12kWh Rack Mounting Lithium Battery

05 YEAR
WARRANTY

**HYBRID ENERGY
STORAGE SYSTEM**



V-TAC.EU

| VTACEXPORTS.COM



CE RoHS

LISTING DETAILS

Model No: **VT48100E-P2**

SKU Code: **11377**

EAN Code: **3800157689359**

MASTER BOX PACKAGING

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

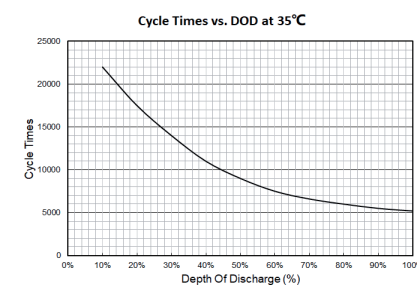
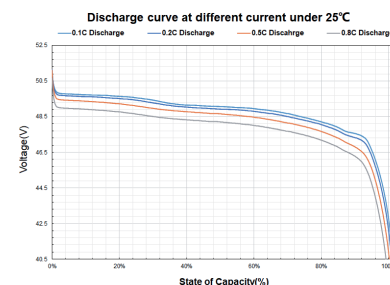
Net Weight : **Approx. 41kg**

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