V-TAC

Meaningful Innovation.

5.12kWh

Rack Mounting Lithium Battery

10 YEAR WARRANTY

HYBRID ENERGY STORAGE SYSTEM



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TÜV NORD CE RoHS

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Rack Mounting Lithium Battery

LISTING DETAILS

Model No:	**VT48100E-P2**
SKU Code:	**11377**
EAN Code:	**3800157689359**

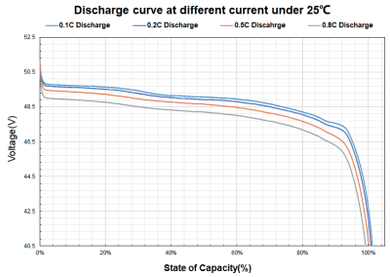
MASTER BOX PACKAGING

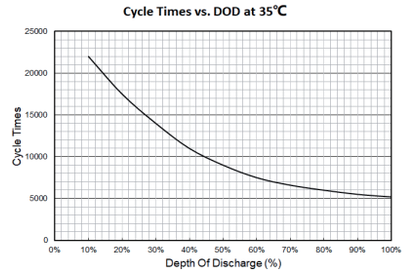
Qty Per Pallet:	**14pcs per pallet**
Net Weight :	**Approx. 41kg**
Product Size :	**445*400*130 mm**

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