

V-TAC

Meaningful Innovation.

5.12kWh

Wall/Floor Mounting Battery

05 YEAR WARRANTY INTELLIGENT BMS



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TUV NORD CE RoHS

LISTING DETAILS

Model No: **VT-48100-W2**

SKU Code: **11524**

EAN Code: **3800157693585**

MASTER BOX PACKAGING

Qty Per Pallet: **14 carton/pallet (7 layers)**

Net Weight : **54.0kg**

Product Size : **410W * 666 H* 179.5 D (mm)**

GENERAL DATA

Nominal Voltage (Vdc)	51.2
Type of battery	100Ah, 51.2V Lithium Battery-LiFePO ₄
Number of cells	16
(Nominal Voltage/ number of cells)	3.2
Voltage Range (Vdc)	43.2-57.6
Nominal Capacity (kWh)	5.12
Usable Capacity (Wh)	4.86
Rated Charge Voltage/@25 °C (Vdc)	56.4
Charge Current/Max. Continuous (A)	100
Discharge Cut-off Voltage/@25 °C (Vdc)	43.2
Discharge Current/Max. Continuous (A)	100
Communication	CAN/RS-485
Parallel	4
Working Temperature/Charge (°C)	0~55
Working Temperature/Discharge (°C)	- 20~60
Shelf Temperature (°C)	- 20~60
Protection Class	IP65
Cooling Mode	Natural
Installation Method	Wall-mounted/Floor-Mounted
Humidity	5% ~ 95%(RH) No Condensation
Altitude(m)	<2000
Design Life	15+ Years (25 °C/°F)
Cycle Life	> 6000, 80%DOD@25 °C
Deassign Standard	UI1642, IEC62619, EN61000, UN38.3



Intelligent BMS monitoring for all-round protection



Overcurrent protection



A-grade LFP cells, ensuring safety of the battery



In-built App to monitor and track battery capacity



6000 cycle lifespan with a 10 year warranty