

V-TAC

Meaningful Innovation.

14.33kWh

Wall/Floor Mounting Battery

05 YEAR WARRANTY INTELLIGENT BMS



V-TAC.EU | VTACEXPORTS.COM



CE RoHS

LISTING DETAILS

Model No: **VT-48280-W2**

SKU Code: **11525**

EAN Code: **3800157693592**

MASTER BOX PACKAGING

Qty Per Pallet: **4 case/pallet**

Net Weight : **1 28.5kg**

Product Size : **500W * 800H* 250D (mm)**

GENERAL DATA

Nominal Voltage (Vdc)	51.2
Type of battery	280Ah , 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)	14.33
Usable Capacity (Wh)	13.61
Rated Charge Voltage/@25 °C (Vdc)	56.4
Charge Current/Max. Continuous (A)	200
Discharge Cut-off Voltage/@25 °C (Vdc)	43.2
Discharge Current/Max. Continuous (A)	200
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