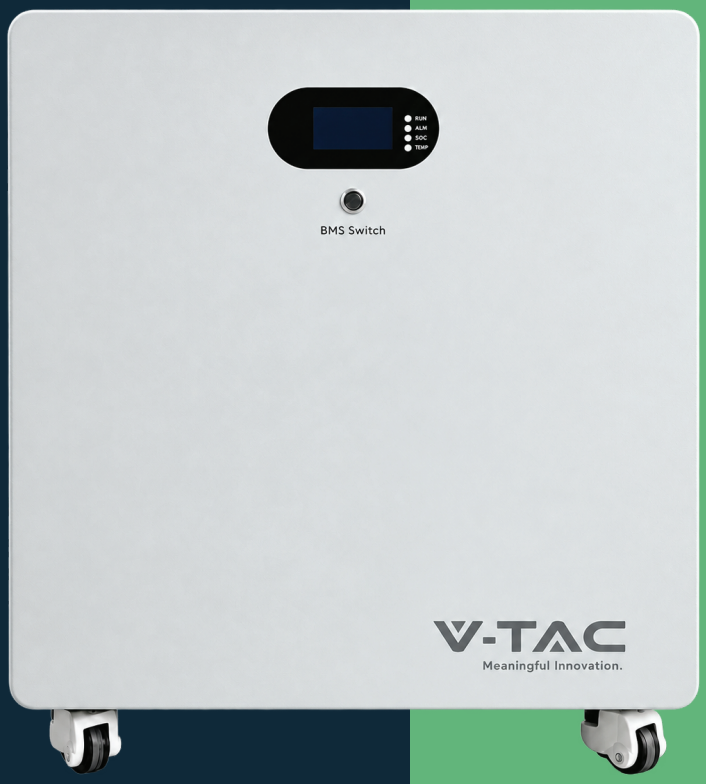
V-TAC

Meaningful Innovation.

Lithium-ion Battery

16.07kWh

- IP20
- ≥7000 Cycles



V-TAC
Meaningful Innovation.

General Information

Product	**Lithium Ion Battery**
Product Model / SKU No.	**VT-48290/12765**
Colour	**White**

Electrical Specifications

Nominal Voltage	**51.2V**
Rated Capacity	**314Ah**
Nominal Energy	**16.07kWh**
Operating Voltage Range	**43.2V—57.6V**
Max. Charge Current	**150A @ 25°C**
Max. Discharge Current	**150A @ 25°C**
Recommend Charge Current	**140A**
Communication	**CAN**
Charging Temperature Range	**0—60°C**
Discharging Temperature Range	**-20—60°C**
Working Temperature Range	**0—60°C**
Max Number(s) of battery modules recommended by the manufacture	**15**
Cycle Life	**≥7000 @ 25°C DOD 90%**
End of Life	**≥7000 @ 25°C EOL 70%**
Dimension (W×D×H)	**630 × 240 × 690mm**
Weight	**114kg**
Protection Level	**IP20**
Production Date	**2026.07**