



Meaningful Innovation.

Lithium-ion
Battery

16.07kWh

- IP20
- ≥ 7000 Cycles



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