V-TAC

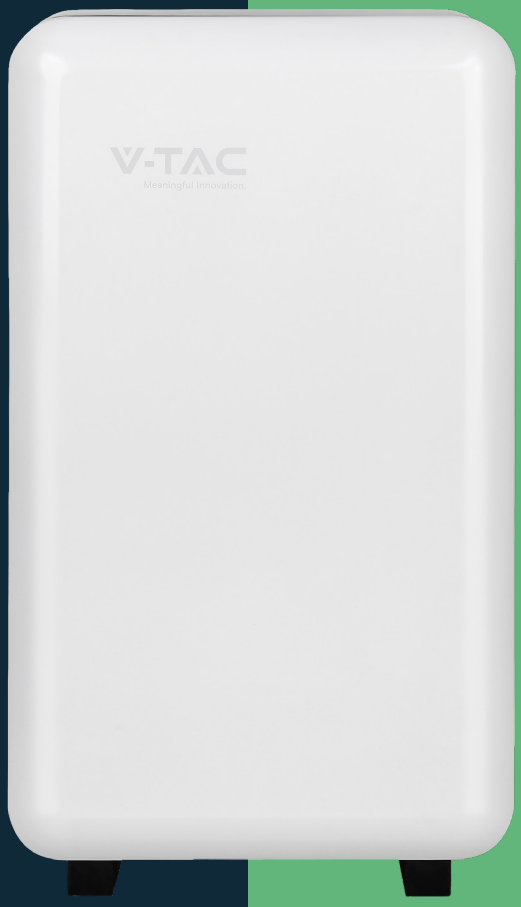
Meaningful Innovation.

Lithium-ion Battery

10 YEAR WARRANTY

10.24kWh

- IP65
- 6000 Cycles



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General Information

Model Name	VT-12040-1
SKU No	**12766**
Colour	Grey
Bar Code	3800170260658

Electrical Specifications

Rated Capacity	200 Ah
Nominal Voltage	51.2 V
Nominal Energy	10.24 kWh
Standard Charge Current	90 A
Standard Discharge Current	90 A
Maximum Continuous Charge Current	100 A
Maximum Continuous Discharge Current	100 A
Standard Charge Voltage	57.6 V
Upper Limit Charging Voltage	57.6 V
End-of-Discharge Voltage	43.2 V
Internal Resistance	16 mW
Communication	CAN

Environmental Specifications

Dimensions	460 × 265 × 800 mm
Net Weight	95.8 kg
Protection Level	IP65
Structure	16 series & 1 parallel

Mechanical Specifications

Charge Temperature Range	0 ~ 60 °C
Discharge Temperature Range	-20 ~ 60 °C
Cycle Life	≥6000 @25°C DOD90%
End of Life	≥6000 @25°C EOL70%

Charging Method

Charge the battery at constant current 90A until voltage reaches 57.6V.
Then charge at constant voltage 57.6V till charge current is 10.3A