

ENERGY LITHIUM BATTERY

VT48100E-P1

VT48100E-P1 is mainly used in household energy storage. It can meet multiple user requirements such as peak shaving and valley filling, power backup, and etc.



— FEATURES AND ADVANTAGES —



Easy Installation
& Safety Operation



Perfect Compatibility
& Expandability



High Performance
& Efficiency



Long-life Lithium
Battery

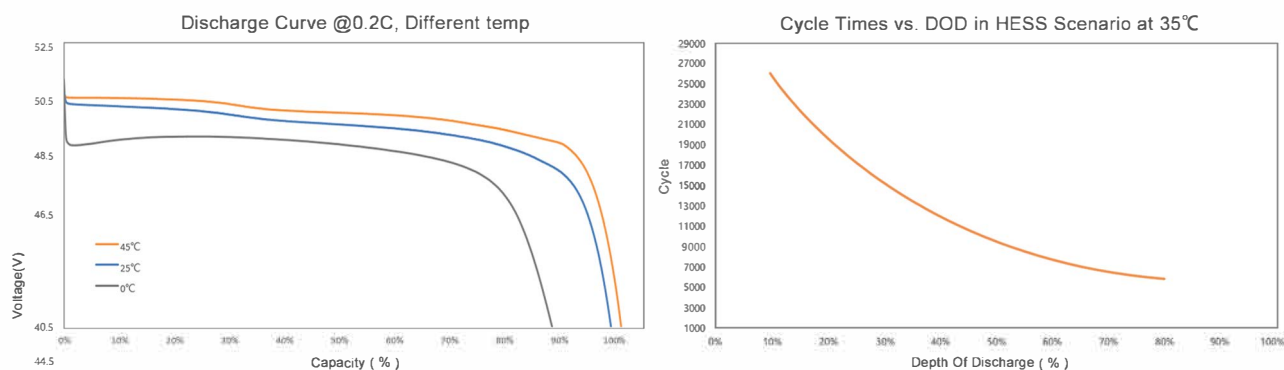
— APPLICATION SCENARIO —

• Home Storage • Emergency/Backup Scenario • Intelligent Peak Shaving

– PARAMETERS –

Model	VT48100E-P1
Nominal Voltage	48.0V
Capacity	100Ah @0.2C,25°C
Energy	4.80kWh @0.2C,25°C
Dimensions(W*D*H)	445*450*132.5mm
Weight	43.0±0.5kg
Charge Voltage	54.0V
Standard Charge Current	20A @25°C
Max Continuous Charge Current	100A @25°C
Standard Discharge Current	20A @25°C
Max Continuous Discharge Current	100A @25°C
Discharge Cut-off Voltage	40.5V
Operating Temperature	Charge: 0~+60°C Discharge: -20~+60°C
Storage Duration	1) ≥6 months @-20-45°C (25%~75%SOC) 2) ≥3 months @-20-45°C (25%~75%SOC)
Protection Class	IP20
Cycle life	≥ 6000 cycles 80 % DOD

– CYCLIC AND DISCHARGE CURVE –



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