VESTWOODS

ENERGY LITHIUM BATTERY

VT48100E-P2

VT48100E-P2 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 –

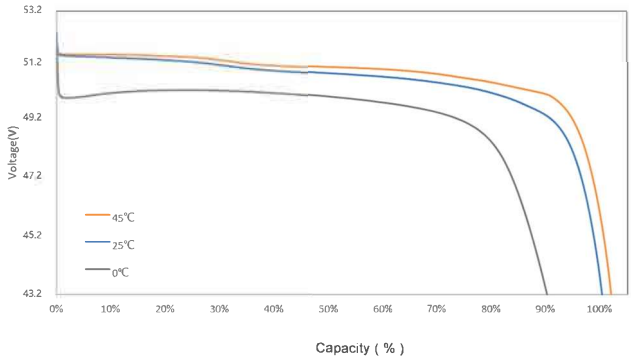
• Home Storage • Emergency/Backup Scenario • Intelligent Peak Shaving

– PARAMETERS –

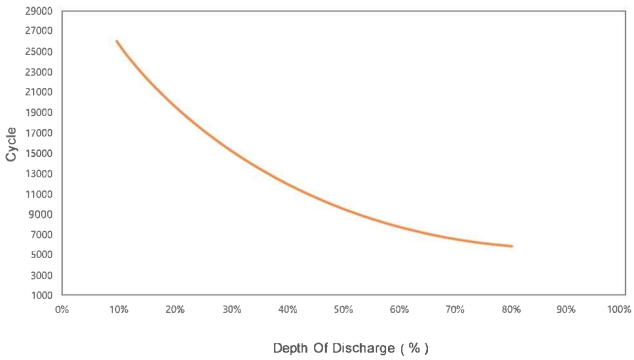
Model	VT48100E-P2
Nominal Voltage	51.2V
Capacity	100Ah @0.2C,25℃
Energy	5.12kWh @0.2C,25℃
Dimensions(W*D*H)	445*450*132.5mm
Weight	46.0±0.5kg
Charge Voltage	56.4V
Standard Charge Current	20A @25℃
Max Continuous Charge Current	100A @25℃
Standard Discharge Current	20A @25℃
Max Continuous Discharge Current	100A @25℃
Discharge Cut-off Voltage	43.2V
Operating Temperature	Charge：0~+60℃ Discharge：-20~+60℃
Storage Duration	1) ≥6 months @-20-45℃ (25%~75%SOC) 2) ≥3 months @-20-45℃ (25%~75%SOC)
Protection Class	IP20
Cycle life	≥ 6000 cycles 80 % DOD

– CYCLIC AND DISCHARGE CURVE –

Discharge Curve @0.2C, Different temp



Cycle Times vs. DOD in HESS Scenario at 35℃



Web: www.vestwoods.com Tel: +86 57186183385

Address: Room 3409-3410, UK center, Mansion 2, EFC, Wenyi Road, Yuhang District, Hangzhou