

V-Hub-M16 All-in-one Residential Lithium-ion DC Energy Storage System

Product Model : VN-DE0016A-LDC



- ✓ Compact Design, Save Installation Space
- ✓ Professional BMS Energy Management, Safe and Stable
- ✓ Self-consumption / Backup Power / PV Priority Multiple Modes
- ✓ Indoor and Outdoor Applicable, High Cost-effectiveness for Home Energy Storage
- ✓ External Inverter, Compatible with Mainstream Inverters

No.	Key Item	Parameters
1	Cell Chemistry	LFP
2	Rated Voltage	51.2V(25°C ± 2°C)
3	Rated Capacity	314Ah
4	Rated Energy	16kWh
5	Standard Charging Current	100A
6	Maximum Continuous Charging Current	120A
7	Standard Discharging Current	100A
8	Maximum Continuous Discharging Current	120A
9	Battery Self-discharge Rate	≤ 3.5%/month @ 25° C, 40% SOC
10	Cycle Life	≥6000 cycles(0.5C/0.5C,70%DOD) ≥3500 cycles(0.5C/0.5C,80%DOD)
11	State of Charge at Delivery	40%SOC
12	Withstand Voltage Rating	1500V DC
13	Insulation Resistance	>100MΩ
14	Ingress Protection Rating	IP55
15	Altitude	<2000m
16	Operating Temperature	0°C~55°C(Charging) ,-20°C~55°C(Discharging)
17	Storage Temperature	-30°C~60°C
18	Operating Humidity	5%~95%, RH
19	Weight	160kg
20	Dimensions (L*W*H)	500*254*1011mm
21	Installation Location	Indoor / Outdoor (Well-ventilated Cool Area, Avoid Direct Sunlight)
22	Installation Method	Vertical, Floor-standing

Specifications and models are subject to change without prior notice.

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