

Balcony Energy Storage System

- ✓ 314Ah Large-Cell Integrated Solution
- ✓ IP65 Protection Rating
- ✓ Built-in Inverter, Plug and Play
- ✓ Compatible with Scenarios Including Outdoor Portable Use, Balcony Energy Storage and Residential Home Energy Storage
- ✓ Standardized Design, Easy for Integration and Operation & Maintenance



Product Appearance				
Basic Product Parameters				
Product Name	V-Hub MAX2500	V-Hub MAX3000	V-Hub PLus3600	V-Hub PLus4000
Product Model	VN-CE0005N-L1P	VN-CE0006N-L1P	VN-CE0007N-L1P	VN-CE0008N-L1P
Rated Energy	5kWh	6kWh	7kWh	8kWh
Rated Power	2500W	3000W	3600W	4000W
Cell Chemistry	LFP			
Dimensions	596*300*644mm	596*300*894mm	596*300*894mm	596*300*894mm
Net Weight	35kg	45kg	50kg	55kg
Operating Temperature	-10-55℃			
Communication Protocol	RS485/CAN			
Grid-tie / Off-grid Characteristics				
Rated Voltage	230V	230V	230V	230V
Rated Frequency	50Hz	50Hz	50Hz	50Hz
Grid-tie Output Powe	0-2500W Adjustable	0-3000W Adjustable	0-3600W Adjustable	0-4000W Adjustable
Off-grid Output Power	2500W	3000W	3600W	4000W
Off-grid Micro-inverter Input Power	800W	800W	800W	800W
Grid-tie / Off-grid Switchover Time	10ms (Utility / Battery Switchover)			
Overload Protectio	Supported			
3-Phase Configuration Capability	Supported			
System & Safety Parameters				
Ingress Protection Rating	IP65			
Operation Modes	Grid-tie / Off-grid / Self-consumption / Emergency Backup Power			
Cycle Life	≥6000 cycles @80%DOD			
Certifications & Application Scenarios				
Qualification Certifications	CE / UKCA / VDE / EN / IEC / EU Grid-tie Certification, EMC Class B			
Applicable Scenarios	Balcony Energy Storage, Small-scale Residential Energy Storage, Emergency Backup Power Scenarios			
Value-added Services	Capacity Customization, Interface Adaptation, Protocol Development, OTA, System Solution Support			

Specifications and models are subject to change without prior notice.

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