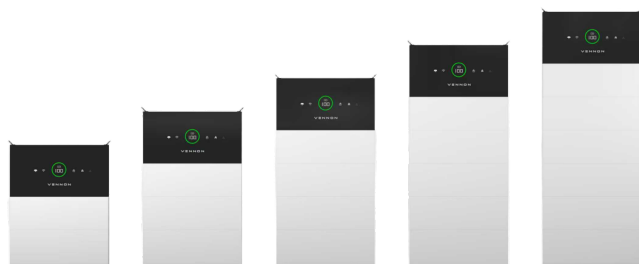


V-Hub-H Series Residential High-voltage Stackable Lithium-ion AC Energy Storage System

12kW PCS



- ✓ Modular+ Design, Flexible Configuration
- ✓ Support Mixing of New and Old Battery Modules, Each Module Discharges Independently at Optimal Status, 10% Higher Charge-discharge Capacity
- ✓ Built-in DC-DC Boost Module, Adopt High-voltage Parallel Structure
- ✓ 5-in-1 Inverter, Highly Integrated with PCS, PV Grid-tie Inverter, Generator Access, Gateway and EMS

Basic Product Parameters					
Product Name	FuHub-H16	FuHub-H24	FuHub-H32	FuHub-H40	FuHub-H48
Product Model	VN-CE0016N-L3P-PV	VN-CE0024N-L3P-PV	VN-CE0032N-L3P-PV	VN-CE0040N-L3P-PV	VN-CE0048N-L3P-PV
Rated Energy	16kWh	24kWh	32kWh	40kWh	48kWh
Rated Power	12kW				
Cell Chemistry	Lithium Iron Phosphate				
Dimensions(W*D)	740*298mm				
Dimensions(H)	965mm	1215mm	1465mm	1715mm	1965mm
Operating Ambient Temperature	-10-55°C				
Communication Method	RS485/CAN				
PV Input Characteristics					
Charging Power	19200W				
PV Operating Voltage Range	150-950V				
PV Maximum Input Voltage	1000V				
PV Startup Input Voltage	180V				
Maximum Operating Current	16A				
Number of MPPT Tracks	3				
Current per MPPT Track	1				
PV Short-circuit Current	20A				
AC Input					
Grid Side			Generator Side		
Max Input Apparent Power	30000VA		Max Input Apparent Power	30000VA	
Max Input Current	43.3A@400V , 45.6A@380V		Max Input Current	43.3A@400V , 45.6A@380V	
Rated Input Voltage	3/N/PE,220V/380V,230V/400V,240V/415V		Rated Input Voltage	3/N/PE,220V/380V,230V/400V,240V/415V	
Rated Frequency	50/60Hz		Rated Frequency	50/60Hz	
THDi	THDi<3%		THDi	THDi<3%	
AC Output					
Grid Side			Off-grid Side - Battery Inverter Mode		
Rated Output Power	12000VA		Rated Output Power	12000VA	
Max Input Apparent Power	13200VA		Rated Grid Output Current	18.2A	
Rated Grid Output Current	18.2A		Rated Output Voltage	3/N/PE,220V/380V,230V/400V,240V/415V	
Max Output Current	20.1A		Rated Frequency	50/60Hz	
Rated Frequency	50/60Hz		THDi	THDi<2%	
Power Factor	0.8 leading~0.8 lagging				
THDi	THDi<3%				
System and Safety					
Anti-islanding Protection, AC Output Overcurrent Protection, AC Short-circuit Protection, DC Arc Fault Protection, PV Overvoltage Protection, Lightning Protection					
Ingress Protection Rating	IP65				
Noise Level	< 35dB				
Altitude	< 4000m				
Operation Mode	Grid-tie / Off-grid / Self-consumption / Emergency Backup Power				
Cycle Life	≥6000次 @80%DOD				
Certifications and Application Scenarios					
Qualification Certifications	CE / UKCA / VDE / EN / IEC / EU Grid-tie Certification, EMC Class B				
Applicable Scenarios	Residential Energy Storage, Emergency Backup Power Scenarios, Small C&I Scenarios				
Value-added Services	Capacity Customization, Interface Adaptation, Protocol Development, OTA, System Solution Support				

Specifications and models are subject to change without prior notice.

Vennon Energy Storage Technology Co., LT

Website: www.vennon.com

Address: No. 550 Golfing Road, Yinhu Street, Fuyang District, Hangzhou 310016, China

Email: info@vennon.com