Outdoor Air Cooling Battery Cabinet



Safe & Reliable

LiFePO4 Cells | Integrated Fire Protection | IP55 | Wide Temp Range (-20℃–55℃)

Industrial Cabinet

Outdoor Rugged Design | Intelligent Climate Control | Corrosion Resistant | Easy to Install

Flexible & Scalable

Modular | Scalable Capacity | Ready for Growth | Third-Party Inverter Compatible

Smart & Durable

SOC Self-Calibration (±1%) | OTA Upgrades | High Cycle Life | Low Self-Discharge

Technical Data

Model	DHN-HVC05x12-G1	DHN-HVC16x7-G	DHN-HVC16x15-G
Battery System			
Battery Model	DHN-HVRES05-G1	DHN-HVRES16-G1	
Battery Type	LiFePO4		
Battery Capacity(Ah)	102	314	
Charge/Discharge Current(A)-Recommend	50	157	
Charge/Discharge Current(A)-Max	100	180	
Rated Voltage(V)	614.4	358.4	768
Operating Voltage(V)	518.4~700.8	280~408.8	600~876
Nominal Energy（kWh）	62	112	241
Basic Parameters			
Weight (kg)	1400	1600	2600
Dimension(W/H/D,mm）	1160×2230×1060	860×2180×1175	1255×2360×1200
IP Rating of Enclosure	IP55		
Anti-corrosion Grade	C3		
Cooling Method	Air-cooling		
Fire protection	Aerosol fire protection		
Operating Temperature(℃)	Charge:0~+50/Discharge:-20~+55		
Storage Temperature(℃)	0~+35		
Recommend Depth of Discharge(%)	≤90		
Cycle Life(25±2℃,0.5C/0.5C,70%EOL)	≥6000	≥8000	
Communication Methods	CAN2.0/RS485		
Warranty Period(years)	5		
Certification	IEC61000-CE,IEC62619-CB,UN38.3		

DAH New Energy Technology Co. Ltd

Add: No.1 Yaoyuan Road, Luyang District, Hefei City, Anhui Province, China | E-mail: info@dahsolar.com