



G-Cube 143 kWh A

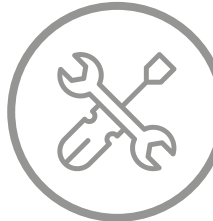
Outdoor Energy Storage System





Product Features


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Support 6-7 Battery Module Connected in Series
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Easy Connection for Wi-Fi Remotely Monitoring System
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OTA Remote Upgrade, Simple Maintenance
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Smart and Friendly Wi-Fi Remote Monitoring
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Compact Design and Easy to Transport
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BMS Uses Cloud to Achieve Remote Real Time Balance

Application Scenarios



Specification

Model	G-CUBE 102kWh	G-CUBE 122kWh	G-CUBE 143kWh
Main Parameters			
Battery Type	LiFePO4		
Rated Capacity(Ah)	200 (After paralleling)		
No. of System Module Series Connections(Optional)	5	6	7
System Rated Voltage (V)	512	614.4	716.8
System Operating Voltage(V)	448~576	537.6~691.2	627.2~806.4
System Nominal Energy(kWh)	102.44(After paralleling)	122.88(After paralleling)	143.36(After paralleling)
System Discharge Energy (kWh)	98.34(After paralleling)	117.96(After paralleling)	137.62(After paralleling)
Charge / Discharge Current(A)	Rated Current	50*2	
	Max. Current	100*2	
	Overload Current	115(10sec, 25°C) *2	
Output Terminal Voltage (AC side)		400V@AC	
PCS Matching Power (kW)		50/100	
Status Indicator Light		Blue: energy storage system start status, green: energy storage system operation status, red: energy storage system fault status	
Communication Protocol		CAN2.0	
Operating Temperature Range(°C)		-10 ~ 50	
Operating Humidity Range		≤95% (No Condensation)	
Operating Altitude		≤2000m	
System Cooling Method		Air Cooling	
Waterproof Rating		IP55	
Fire Fighting System		Hot aerosol	
Net Weight(kg)	≈1410	≈1585	≈1765
Maximum Size(mm)	1665*1090*1782		
Storage Temperature(°C)	0~35		
Recommended Depth of Discharge(DOD)	90%		
Cycle Life	≥8000 Cycles (25°C±2°C, 0.5C, 80%DOD@65%EOL)		
System Composition	BMS management system, fire protection system, air-cooled unit, cabinet, PCS system		
Certification	Cell: UL1973/IEC62619/CE/ROHS/MSDS/UN38.3		
Warranty	5 Years(Under Warranty Terms)		
Energy Throughput ^[1]	224MWh	270MWh	313MWh

PS: 1. System discharge power, test conditions: 90% DOD, 0.2C charging and discharging at 25 ° C. (The available energy of the system may vary depending on the system configuration parameters)
2. The current magnitude is affected by temperature and SOC.
[1] Conditions apply, refer to GENIXGREEN Warranty Letter.

This product is compatible with 50-100kW inverters: Deye, Solis, Solinteg, Growatt, Megarevo and Sosen.

