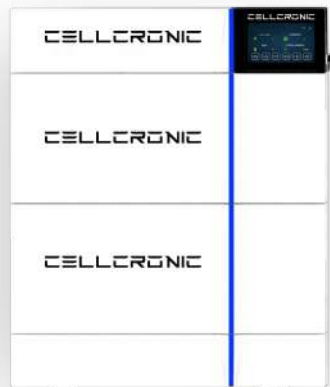
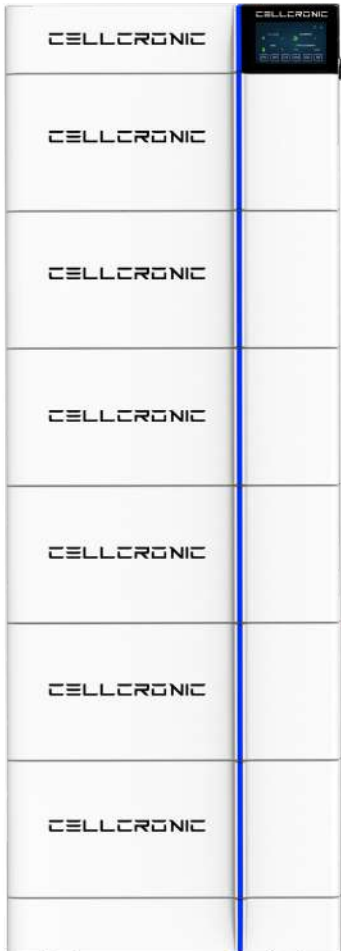


Galaxy 7G HV Stacked Plus Battery Module



High Voltage Battery System For Industrial Use



- ◆ **Wireless Stack Design:**
Modules are connected in series without the wire connector, enhance the looks and safety with high voltage system efficiency.
- ◆ **Protection Grade:**
IP65, Water Resistant, anti-corrosion grade $\geq C2$, can install outside
- ◆ **Thermal Management:**
Temperature detection of key parts, cell, power plug-in, etc.
- ◆ **Low Temperature Working:**
The heating function is optional to meet the application scenarios for the low temperature snow areas.
- ◆ **Build Quality**
Meet high seismic grade zone 4
- ◆ **Remote Monitoring:**
Support remote upgrade, real-time battery warning information push, LCD data display.

System Components

Model	Description
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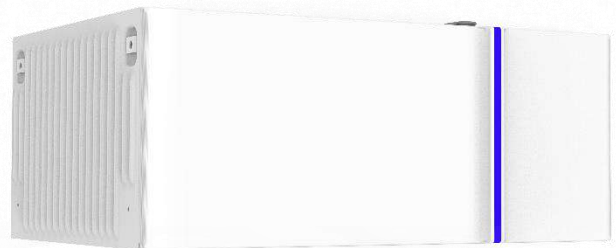
GALAXY 7G HV STACKED BATTERY MODULE GB-L-HV High voltage battery cluster control box

Operating Voltage	120 ~ 750Vdc
Nominal Charge/Discharge Current	40A
Max Charge/Discharge Current	50A
Operating Temperature Range	-20~65°C
Ingress Protection	IP65
Dimension (W/D/H)	540*385*110mm
Weight Approximate	12kg



GALAXY 7G HV CONTROL BOX

Battery Type	LiFePO4(LFP)
Nominal Voltage	102.4Vdc
Rated Capacity	40Ah
Rated Energy	4.09kWh
Nominal Charge/Discharge Current	40A
Peak Discharge Current	50A
Charge Temperature	0~55°C
Discharge Temperature	-20°C ~ 60°C
Storage Temperature	0°C ~ 35°C
Ingress Protection	IP65
Dimension (W/D/H)	540*385*220mm
Weight Approximate	39kg



GALAXY 7G HV STACKED BATTERY BASE SUPPORT

Dimension (W/D/H)	540*385*100mm
Weight Approximate	7kg



ECOM Cable2.0

Standard 2-meter communication cable connected to the external device



EPCable2.0

Standard 2-meter power cable connected to the positive pole of the external PCS

1000V/6AWG Cable



ENCable2.0

Standard 2-meter power cable connected to the negative pole of the external PCS

1000V/6AWG Cable



Technical Data

Model		Galaxy 7G HV Stacked Plus Battery Module					
Main Parameters		High Voltage Battery Module					
Cell Chemistry		LiFePO4					
Module Energy (kW)		4.09					
Module Nominal Voltage (V)		102.4					
Module Capacity (Ah)		40					
Battery Module Qty in series. (Optional)		2	3	4	5	6	7
System Nominal Voltage (V)		204.8	307.2	409.6	512	614.4	716.8
System Operating voltage (V)		179.2~806.4					
SystemEnergy (kWh)		8.18	12.27	16.36	20.45	24.56	28.63
SystemyUsable Energy (kWh)		7.36	11.04	14.72	18.40	22.10	25.76
Charge/Discharge Current (A)	Recommend	20					
	Max	40					
	peak (2 mins, 25°C)	50					
Working Temperature (°C)		Charge/Discharge: -20~55°C					
LCD Display		SOC%,Power,Total Voltage					
Communication Port		CAN2.0/RS485					
Humidity		5%~90%					
Altitude		≤2000 m					
IP Rating of Enclosure		IP65					
Storage Temperature (°C)		0°C~35°C					
Dimension (W/D/H,mm)		540*360*685	540*360*905	540*360*1125	540*360*1345	540*360*1565	540*360*1785
Weight Approximate (kg)		98	134	170	206	242	278
Installation Location		Floor Mount					
Recommend Depth of Discharge (%)		90%					
Cycle Life (Charge/Discharge)		6000 at 80% DOD					
Warranty		10 Years					
Certification		CE/IEC62619 / VDE2510-50 / UL1973 / UL9540A / UN38.3					