

Gotion HOME 5/10/15/20

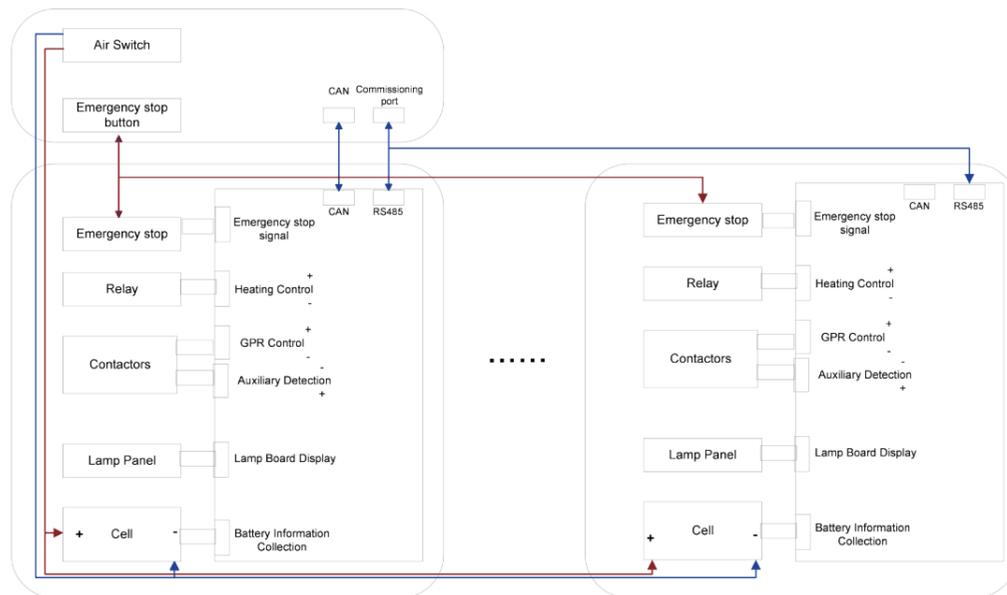
Lithium-Ion Battery Residential ESS



>>> Products Superiority

-  • Stable and Secure LFP Battery
-  • Modular Design
-  • Easy to handle, 30mins quick install
-  • IP65, Household Friendly
-  • Cell/Module/System Triple Protection
-  • Supports for Extended Application
-  • Supports floor stand or wall hanging
-  • Plug-and-Play, covers an area of 0.16m²

>>> Architecture Diagram



Model	HSD51-05P5L	HSD51-05P10L	HSD51-05P15L	HSD51-05P20L
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Electrical				
Number of Battery Modules	1	2	3	4
Single Module Energy(kWh)	5			
Rated Capacity(Ah)	100	200	300	400
Usable Capacity(Ah)	97	194	291	388
Rated Voltage(Vdc)	51.2			
Voltage Range(Vdc)	43.2-56.8			
Nominal Energy(kWh)	5	10	15	20
Usable Energy(kWh)	4.8	9.8	14.7	19.6
Max. Output Power(kW)	2.5	5	5	5

Conditions	
Working Environment Temp(°C)	-20~45
Working Temp(°C)	Charge:0~53 Discharge: -20~58
Working Humidity Range(%)	5~95 (non-condensing)
Altitude (m)	<3000 (≥3000 derating)
Installation Environment	Indoor/Outdoor

Parameters	
Communication Interface	CAN, RS485
Certification	IEC62619, IEC60730, IEC63056, UL9540, UL9540A, UL1973, UL60730, UN38.3, EMC
Ingress Protection	IP65
Dimension (W * D * H)mm	705*239*528 705*239*846 705*239*1164 705*239*1482
Weight (kg)	67 120 170 220

1. Test conditions (usable energy): 100% depth of discharge (DoD), 0.2C rate charge & discharge at 25°C
2. Charge/discharge derating occurs when the operating temperature from -20°C~ 5°C & over 45°C.

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