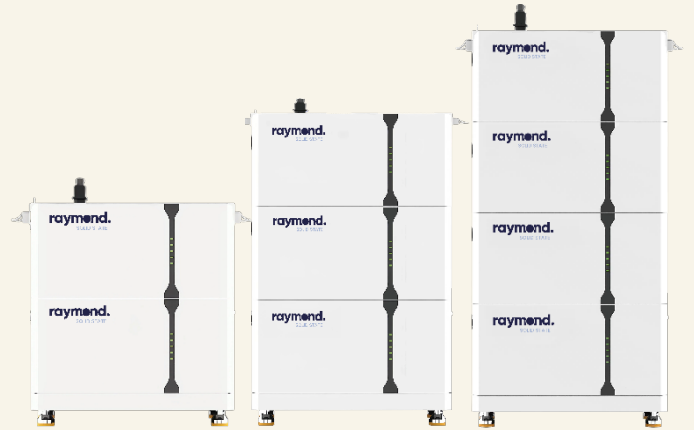


FIRST SOLID STATE BATTERY



Solid State

HV 5.43-32.58kWh

Stackable | 660*300*320mm

Stackable battery

- Higher Safety Protection
- Faster Dis/Charging Speed
- Broad range of inverter compatibility
- Intelligent Built-in BMS
- 6pcs Connections in Series

Features



8000
Cycle
Life@25°C



Solid-State
LFP Battery Cells



5,4kWh
Single
battery



1C



Increase 8%
Energy Density



Semi-Solid State

5.43-32.58kWh | 660*300*320mm



Technical Specifications

Product Type	5.43kWh	10.86kWh	16.29kWh	21.72kWh	27.15kWh	32.58kWh
Total Energy*	5.43kWh	10.86kWh	16.29kWh	21.72kWh	27.15kWh	32.58kWh
Battery Capacity	53Ah					
Max. recommended DOD	93%					
Max Dis/Charge Power	6.0KW for 3S	12.3kW for 3S	18.4kW for 3S	24.6kW for 3S	30.8kW for 3S	36.9kW for 3S
Voltage	96-112Vd.c	192-224Vd.c	288-336Vd.c	384-448Vd.c	480-560Vd.c	576-672Vd.c
Nominal Voltage	102.4Vd.c	204.8Vd.c	307.2Vd.c	409.6Vd.c	512.5Vd.c	614.4Vd.c
Nominal Dis/charging Current	50A/50A					
Max Charging Current	60A(3s)					
Max Discharging Current	60A (3s)					
Max. Charge Voltage	115.2Vd.c	230.4Vd.c	345.6Vd.c	460.8Vd.c	576Vd.c	691.2Vd.c
Weight (N.W.)	53 kg	106 kg	159 kg	212 kg	265 kg	318 kg
Dimension(mm)(L*W*H)	660*300*320mm	660*300*640mm	660*300*960mm	660*300*1280mm	660*300*1600mm	660*300*1920mm
Operating Condition	Indoor & Outdoor (with shelter)					
Ambient Temperature	Charge	0-55°C				
	Discharge	-20-55°C				
Operating Ambient Temperature	-20-55°C					
WiFi Frequency Range	2400MHz-2483MHz					
Humidity	<60% (No condensed water)					
Over Voltage Category	II					
Cooling Type	Natural cooling					
Installation	Ground Installation					
IP rating	IP65					
Protective Class	I					
Max. Connection Number	6S					
Communication	CAN/ RS485					
Protection Mode	Hardware & software protection					
Battery Protection	Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature					
Safety	Cell UL TUV					
	CE/TUV					
Transportation	UN 38.3					
Product Warranty	10 years warranty or 8000 cycle All information contained in this document is subject to change without notice					