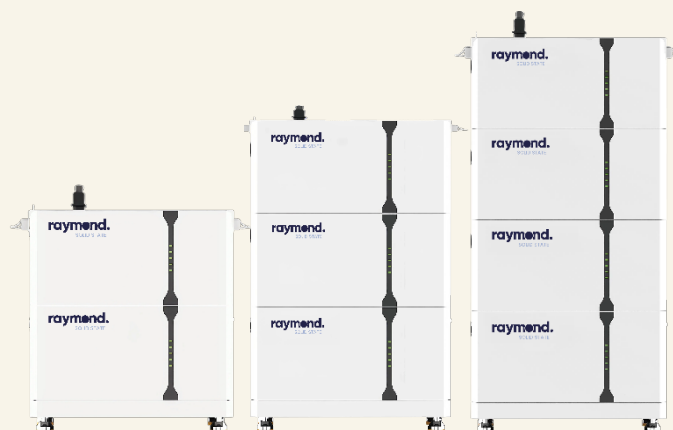


FIRST SOLID STATE BATTERY



Solid State

HV 10.8–32.58kWh

Stackable

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

FACTS & FIGURES

Semi-Solid State

10.8–32.4kWh



Technical Specifications

Product Type		10.8kWh	16.2kWh	21.6kWh	27kWh	32.4kWh
Total Energy*		10.8kWh	16.2kWh	21.6kWh	27kWh	32.4kWh
Battery Capacity		53Ah				
Max.recommended DOD		93%				
Max Dis/Charge Power		12.3kW for 3S	18.4kW for 3S	24.6kW for 3S	30.8kW for 3S	36.9kW for 3S
Voltage		179.2~227.2Vd.c	268.8~340.8Vd.c	358.4~454.4Vd.c	448.0~568.0Vd.c	537.6~681.6Vd.c
Nominal Voltage		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		224Vd.c	336Vd.c	448Vd.c	560Vd.c	672Vd.c
Weight(N.W.)		108kg	154.5kg	206kg	257.5kg	309kg
Dimension(mm)(L*W*H)		600*300*600mm	600*300*900mm	600*300*1200mm	600*300*1500mm	600*300*1800mm
Operating Condition		Indoor&Outdoor				
Operating Temperature	Charge	-20~55				
	Discharge	-20~55				
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-year warranty and 8,000 cycle life, with 79.3% remaining capacity thereafter.(C-rate 1) All information contained in this document is subject to change without notice				

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