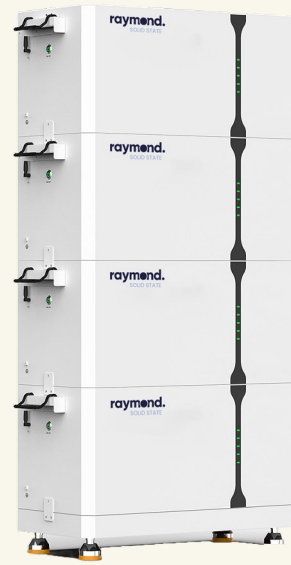


FIRST SOLID STATE BATTERY



Solid State

HV 10.8–32.4kWh

Stackable | 600*300*570mm

Stackable battery

- Higher Safety Protection
- Faster Dis/Charging Speed
- High Inverter Compatibility
- Intelligent Built-in BMS
- 6pcs Connections in Series

Features



6000

Cycle Life@25°C



Solid-State

LFP Battery Cells



5,4kWh

single battery



1C



Increase 8%

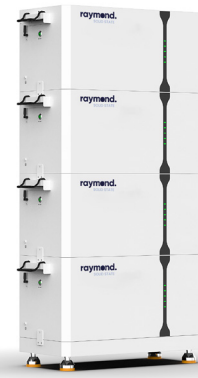
Energy Density



FACTS & FIGURES

Semi-Solid State

10.8-32.4kWh | 600*300*570mm



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.)	111 kg	164 kg	217 kg	270 kg	323 kg
Dimension(mm)(L*W*H)	600*300*700mm	600*300*1000mm	600*300*1300mm	600*300*1600mm	600*300*1900mm
Operating Condition	Indoor				
Operating Temperature	Charge	0℃ (10℃ för stödtjänster)			
	Discharge	0℃ (10℃ för stödtjänster)			
WiFi Frequency Range	2400MHz-2483MHz				
Humidity	<60%(No condensed water)				
Over Voltage Category	II				
Cooling Type	Natural cooling				
Installation	Ground Installation				
IP rating	IP54				
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, 6000 cycles life All information contained in this document is subject to change without notice				