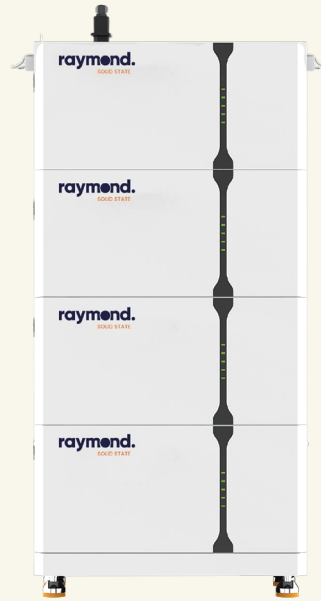


## FIRST SOLID STATE BATTERY



# 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



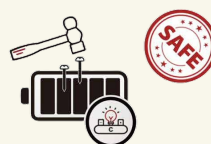
**5,4kWh**  
single battery



**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	Outdoor				
Operating Temperature	Charge	0 - -55 °C			
	Discharge	-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				

All information contained in this document is subject to change without notice  
 1) For better battery life cycles, we suggest charge in 30A(0.6C @ 25°C)  
 2) For better battery life cycles, we suggest discharge in 30A(0.6C @ 25°C)  
 3) Peak Current excludes repeated short duration (less than 100ms) of current pattern.