
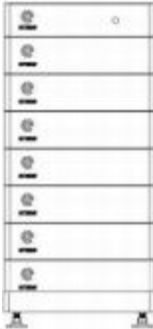





## Rack Mounted HV Energy Storage Battery

- **Rack Mounted HV Energy Storage Battery**
- **Flexible capability:** options from 30.72KWh to 51.2KWh
- **High-Voltage Capacity:** Delivers reliable backup power for both residential and commercial applications.
- **Quick Installation:** Standard 19-inch embedded design for easy setup and maintenance. Easy installation with modular and stacked design
- **Safety First:** Utilizes LiFePO4 technology for enhanced safety and long cycle life.
- **Intelligent Battery Management System:** Monitors and protects against over-discharge, over-charge, and extreme temperatures.
- **Eco-Friendly Design:** Non-toxic and non-polluting materials align with sustainability goals.
- **Scalable Configuration:** Connect multiple modules in parallel to expand capacity as needed.
- **Extensive Cycle Life:** Over 6000 cycles at 90% Depth of Discharge for long-lasting performance

Datesheet	SW-RM30-HV	SW-RM35-HV	SW-RM40-HV	SW-RM46-HV	SW-RM50-HV
System Demo					
Battery Module	SW-RM-HV—5.12 (5.12kWh, 51.2V, 50kg)				
Number of Modules	6	7	8	9	10
Energy Capability	30.72kWh	35.84kWh	40.96kWh	46.08kWh	50.12kWh
Nominal Voltage	307.2V	358.4V	409.6V	460.8V	512V
Operation Voltage Range	283.2-340.8V	330.4-397.6V	377.6-454.4V	424.8-511.2V	472-568V
Dimension mm (H/W/D)	498*600*2060				
Weight	440kg	500kg	560kg	620kg	680kg
Battery Type	Lithium Iron Phosphate (LFP)				
Standard Charge/ Discharge Current	50A@0.5C				
Max Discharge Current	100A@1C				
IP Protection	IP 21				
Installation	Floor Installation				
Operation Temperature	0 °C to 45°C				
Feature					
DOD	90%				
Cycle Life	>6000				
Warranty	5 Years				
Communication Port	CAN/RS485				
Certification	CE, MSDS, UN38.3				