



JLES-HVSM1

Wheel-Mounted Model



Available Customization Options



Multiple Modes Of Operation



Multiple Shell Colors



Customized Capacity



Customized Logo

- **Modular Design:** Scalable system with flexible integrated energy storage modules to adapt to residential needs.
- **High-Efficiency Power:** Reliable and efficient energy output for consistent performance.
- **Seamless Integration:** Easy installation with integrated storage modules and a high-voltage box.
- **Advanced Display:** Colorful LCD screen for real-time system monitoring and performance tracking.
- **Safety and Stability:** Equipped with an advanced BMS for enhanced system protection.
- **Customizable:** Tailored options for logos, colors, and configurations to fit specific requirements.

Application scenarios



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General Parameters	
Nominal Voltage	51.2 V
Module Capacity	100 Ah
Nominal Energy	5.12 kWh
Allowed Modules in Series	8
System Nominal Voltage	409.6 V
Operating Voltage Range	345.6 – 460.8 V
System Energy	40.96 kWh
Max. Charging / Discharging Current	100 A
Recommended Charging / Discharging Current	50 A
Peak Current (2 s)	150 A
Dimension (W × D × H, mm)	Approx. 650 × 360 × 1235
Temperature (°C)	Discharging: -20 ~ 55 °C
	Charging: 0 ~ 55 °C
	Storage: 0 ~ 45 °C
IP Rating	IP55 (Natural Heat Dissipation)
Recommended Depth of Discharge	80%
Cycle Life	0.5C/0.5C, 25 °C — 6000 times
Warranty	5 years
Certification	CE, UN38.3
High Voltage Box	
Working Voltage Range	100 – 700 VDC
Nominal Charge & Discharge Current	100 A / 100 A
Max. Charge & Discharge Current	125 A (optional 160A, 200A, 250A)
AC Input Rating	85 – 264 V AC 1 A max
Operating Temperature Range (°C)	-20 ~ 60
Dimension (W × D × H, mm)	650 × 360 × 172
Approximate Weight	12 kg
Lithium Iron Phosphate Battery	
Nominal Voltage	51.2 V
Rated Capacity	100 Ah
Rated Energy	5.12 kWh
Nominal Charge & Discharge Current	50 A
Peak Discharge Current (A) @ 2 s	150 A@2s
Dimension (W × D × H, mm)	650 × 360 × 133
Approximate Weight	30 kg