

RESIDENTIAL ENERGY STORAGE SYSTEM

V-Power-Mute6 (All-in-one)

Energy Storage System



HIGH YIELD

- Max efficiency 97.3%, battery efficiency 94%
- Reasonable energy control to increase the proportion of spontaneous use



HIGH RELIABILITY

- With BMS system to ensure high battery life
- Natural cooling design



INTELLIGENT MAINTENANCE

- Stacked design
- Intelligent management of cloud platform data



FLEXIBLE ADAPTATION

- 6kW Hybrid inverter
- 10-40kWh Flexible expansion

Model	V-Power-Mute6		
System Specification			
Nominal Output Power	6000W		
Nominal Capacity	10kWh		
Battery Chemistry	LFP (LiFePO4)		
IP Protection	IP21 (Indoor)		
Dimension	545mm*200mm*1566mm (W*D*H)		
Weight	125kg		
Warranty	5 Year Product Warranty, 10 Year Performance Warranty		
Inverter Technical Specification			
Model	VW6KSLES	Rated Voltage	230V
Max. PV Input Power	9000W	Phase	Single-Phase
Max. PV Input Current	15A/15A	Backup	EPS
Max. PV Voltage	550V	Communication	WIFI
MPPT Number/ Max. input strings number per MPPT	2/1	Humidity	0~90% (No Condensing)
MPPT Voltage Range	70~520V	Dimension (W*D*H)	545mm*200mm*490mm
Max. Charging/Discharging Current	120A	Weight	25kg
Max. Charging/Discharging Power	6000W	Rated Frequency	50/60Hz
Safety	Design based on IEC62109-1&2,IEC62040-1,IEC62477-1		
Grid Regulation	Design based on VDE-AR-N4105,AS 4777.2,EN 50549-1,G99,CEI 0-21,NRS 097-2-1		
Battery Technical Specification			
Module Model	VE51100S		
Module Capacity	5.12kWh		
Usable Capacity	4.86kWh		
Nominal Voltage	51.2V		
Max. Charging/Discharging Current	100A		
Operating Temperature Range	-20℃~55℃		
Cycle Life	6000		

Remarks : · The range of output voltage and frequency may vary depending upon different grid codes
· Specifications are subject to change without advance notice.