ROVON POWER

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RoveWall

MOBILE-MOUNTED LFP BATTERY

RV-WL-16 / RV-WL-20 / RV-WL-32

Reliable, flexible energy storage
for homes and businesses.



16 / 20 / 32	51.2 V	314 / 392 / 628	6000
Nominal Energy (kWh)	Nominal Voltage	Nominal Capacity (Ah)	Cycle Life*

* 6000 cycles at 90% DoD, 25 °C and 0.5C charge/discharge.

Flexible Capacity
16 / 20 / 32 kWh
for diverse needs.

LFP Technology
Lithium iron phosphate
cell chemistry.

Wide Compatibility
CAN bus and RS485
inverter communication.

Mobile Design
Floor-standing cabinet
with integrated castors.

RoveWall

TECHNICAL SPECIFICATIONS

RV-WL-16 / RV-WL-20 / RV-WL-32



Front Side Back

51.2 V / 314 Ah / 392 Ah / 628 Ah

MODEL	RV-WL-16	RV-WL-20	RV-WL-32
Electrical Characteristics			
Nominal Voltage (V)	51.2		
Nominal Capacity (Ah)	314	392	628
Nominal Energy (kWh)	16.0768	20.07	32.1536
Cell Technology	LiFePO4 (LFP)		
Cycle Life*	6000 cycles at 90% DoD		
Max. Charge Voltage (V)	-	57.6	-
Max. Charge Current (A)	200	200	200
Max. Discharge Current (A)	200	200	300
Max. Discharge Power (kW)	10.24	10.24	15.36
Discharge Cut-off Voltage (V)	40-44		
Display, Communication & Function			
Display	3.5-inch color touchscreen		
Communication Interfaces	CAN, RS485, RS232, BT, WiFi		
Parallel Function	Up to 14 units in parallel		
Environment & Mechanical			
Charge Temperature Range	0 °C to +55 °C		
Discharge Temperature Range	-20 °C to +55 °C		
Storage Temperature Range	-	0 °C to +45 °C	-
IP Rating	IP21		
Dimensions (mm)	717 × 500 × 250	773 × 522 × 260	900 × 850 × 250
Weight (kg)	120 ± 2	150 ± 2	220 ± 2
Installation Method	Mobile Mounted		
Design Life (years)	≥10		
Standard Compliance			
Certificates	CE, UN38.3, TUV, IEC62619, MSDS		

* Test conditions: 90% DoD, 25 °C and 0.5C charge/discharge.