ROVON POWER

rove on, power on

RoveStack

STACKABLE LV LFP BATTERY

RV-SL-10.24 / 15.36 / 20.48

Flexible energy storage
for growing home demands.



10.24-20.48 kWh	51.2 V	6000	5 Units
Energy Range	Nominal Voltage	Cycle Life*	Parallel Expansion

* 6000 cycles at 80% DOD, 0.5C.

Modular Design
2-4 battery modules
Flexible energy options.

High Safety
BMS & breaker
at module level.

Wide Compatibility
Supports common
inverter brands.

Fast Installation
Plug & Play interface
Plug-in modular design.

RoveStack

TECHNICAL SPECIFICATIONS

RV-SL-10.24 / 15.36 / 20.48

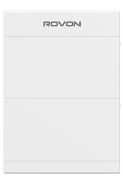


Modular low-voltage system

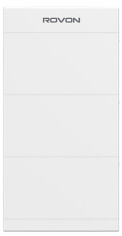
MODEL	RV-SL-10.24	RV-SL-15.36	RV-SL-20.48
Electrical Characteristics			
Rated Voltage (Vdc)	51.2		
Energy Storage (kWh)	10.24	15.36	20.48
Cycle Life*	6000 cycles (80% DOD, 0.5C)		
Monthly Self-discharge	≤2%		
Charge / Discharge Standard			
Charge Voltage (V)	56		
Max. Charge Current (A)	100		
Max. Discharge Current (A)	100		
Discharge Cut-off Voltage (VDC)	43.2		
Charge Cut-off Voltage (VDC)	58.4		
Environment			
Charge Temperature	0°C to 55°C @60±25% Relative Humidity		
Discharge Temperature	-20°C to 55°C @60±25% Relative Humidity		
Storage Temperature	-20°C to 55°C @60±25% Relative Humidity		
Mechanical			
IP Class	IP65		
Case Type	Floor-standing stack		
Pack Dimensions L x W x H (mm)	640 x 205 x 897	640 x 205 x 1239	640 x 205 x 1581
Package Dimensions L x W x H (mm)	760 x 335 x 450 x 2 / 705 x 395 x 240 x 1	760 x 335 x 450 x 3 / 705 x 395 x 240 x 1	760 x 335 x 450 x 4 / 705 x 395 x 240 x 1
Net Weight (kg)	110 (14 + 48 x 2)	158 (14 + 48 x 3)	206 (14 + 48 x 4)
Gross Weight (kg)	127 (21 + 53 x 2)	180 (21 + 53 x 3)	233 (21 + 53 x 4)
Communication			
Protocol (Optional)	CANbus / RS485 / RS232		
Monitoring	Bluetooth / WLAN (optional)		
Certificates			
Pack	UN38.3, MSDS		
Cell	UN38.3, MSDS, IEC62619, CE, UL1973		

* Cycle life: 6000 cycles at 80% DOD, 0.5C.
15S (48 V) models also available.

MODULAR CONFIGURATIONS



RV-SL-10.24
10.24 kWh / 2 modules



RV-SL-15.36
15.36 kWh / 3 modules



RV-SL-20.48
20.48 kWh / 4 modules