



MORE POWER. EVEN BETTER VALUE.

The R-Series is built for substantial bulk energy storage at a low cost per kilowatt hour. Designed for off-grid installations, the R-series delivers massive power capacity up to 457 kWh. Compatible with leading inverters, this streamlined solar battery offers exceptional value without the added cost of 9540 certifications.

Long Life & High Performance

- **Proven cell-balancing** – Backed by 7 years of proven R&D, delivering up to 30% more battery life
- **Premium LiFePO4 chemistry** – Built for enhanced safety, stability, and superior cycle life
- **Closed-loop comm plus** – Ensures your battery and inverter are always in perfect sync for reliable, safe operation

Scalable Design & Clean Aesthetics

- **Modular & stackable** – Installs quickly and has a minimal footprint
- **Expands from 14 – 457 kWh** and stacks up to 4 batteries (64 units in parallel) to match energy needs
- **No exposed racks** – Sleek appearance
- **Hassle-free features** – Heavy-duty handles, snap-on magnetic covers, solid copper busbars, casters, and enclosed cabling

High Value for Off-Grid Applications

Massive Bulk
Energy Storage

Lower Unit
Cost per kWh



Why Choose Rubix?

- Straightforward warranty process
- Knowledgeable support staff
- Built by installers with over 10 years of lithium battery experience

GENERAL SPECIFICATIONS

Electrical Specifications		RRS51280 48V/280AH		RRS25560 24V/560AH					
Energy Rating (usable capacity)		51.2V 280Ah (14.336kWh)		25.6V, 560Ah (14.336kWh)					
Energy Scalability		Up to 32 units in parallel		Up to 32 units in parallel					
Max Continuous Discharge Power		200A (10.24kW)		200A (5.12kW)					
Recommended Discharge Power		180A (9.216kW)		180A (5.12kW)					
Max Continuous Charging Power		180A (9.216kW)		200A (5.12kW)					
Peak Charging Power (30 min)		200A (10.24kW)		240A (6.4kW)					
Breaker Current Rating		250A		300A					
Rated Cycle Life (80% DoD)		4,500 cycles		4,500 cycles					
Capacity Retained at End of Life		80%		80%					
Environmental & Mechanical Specifications									
Minimum Environment Temperature		32 °F (0 °C)		32 °F (0 °C)					
Maximum Environment Temperature		120 °F (49 °C)		120 °F (49 °C)					
Ventilation Required		No		No					
Ingress Protection (IP) Rating		IP50		IP50					
Weight—Battery		271 lb		271 lb					
Weight—Base & Lid		87.4 lb		87.4 lb					
Features & Certifications									
Cell Chemistry		Lithium Iron Phosphate (LiFePO4)		Lithium Iron Phosphate (LiFePO4)					
Cell Format		Prismatic		Prismatic					
Balancing Type		Impactiv		Impactiv					
Rapid Shutdown Function (RPSD)		Yes		Yes					
Cell Certification		UL 1973		UL 1973					
Transport Certifications		UN 38.3		UN 38.3					
UL 9540 Rating		No		No					
Compatible Inverters									
Sol-Ark		Schneider Electric		Megarevo		MidNite Solar		Deye	
EG4		Victron Energy		Outback Power		SRNE Solar		Magnum Energy	

Get connected today.

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