



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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