



SCALABLE ENERGY, SIMPLIFIED

The Rubix Stack Series is an innovative LiFePO4 solar battery system designed for flexibility and compact storage. No complex racking is required. Our Stack Series communicates with a broad range of inverters, and its multiple batteries per install (stack function) enable you to back up your power for a continuous flow in a wider range of scenarios.

Stackable & Expandable

Faster, Easier Installation

Fits Most Major Inverters

Long Life & High Performance

- **Proven cell-balancing** – Backed by 7 years of proven R&D, delivering up to 30% more battery 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 5–163 kWh to match energy needs
 - Stacks up to 7 batteries per stack – 32 batteries in parallel
- **No exposed racks** – Sleek, minimalist appearance
- **Simplified hardware** – Snap-on magnetic covers, solid copper busbars, casters, enclosed cabling, and heavy-duty handles

Safety & Peace of Mind

- **Premium LiFePO4 chemistry** – Built for enhanced safety, stability, and superior cycle life
- **Built-in Rapid Shutdown (RPSD)** – Protects homeowners and first responders in emergencies
- **UL 9540A (RS51100 only)** – Tested for fire safety
- **EN IEC 61000-6-1:2019 (RS51100 only)** – Tested for electromagnetic events



Why Choose Rubix?

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

GENERAL SPECIFICATIONS

Electrical Specifications		RS51100 48V/100AH		RS25200 24V/200AH	
Energy Rating (usable capacity)		51.2V, 100Ah (5.12kWh)		25.6V, 200Ah (5.12kWh)	
Energy Scalability		Up to 32 units in parallel		Up to 32 units in parallel	
Max Continuous Discharge Power		90A (4.6kW)		180A (4.6kW)	
Recommended Discharge Power		75A (3.84kW)		150A (3.84kW)	
Max Continuous Charging Power		70A (3.58kW)		140A (3.58kW)	
Breaker Current Rating		150A		250A	
Rated Cycle Life (80% DoD)		6,000 cycles		6,000 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		108 lb		108 lb	
Weight—Base & Lid		62.9 lb		62.9 lb	
Features & Certifications					
Cell Chemistry		Lithium Iron Phosphate (LiFePO4)		Lithium Iron Phosphate (LiFePO4)	
Balancing Type		Impactiv balancing for longer battery life		Impactiv balancing for longer battery life	
Rapid Shutdown Function (RPSD)		Yes		Yes	
UL 9540A		Yes		No	
EN IEC 61000-6-1:2019		Yes		No	
Transport Certifications		UN 38.3		UN 38.3	
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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