



# 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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