

# EPOCH 48V 100AH - SELF-HEATING SERVER RACK

## Machine Information

|           |           |
|-----------|-----------|
| Condition | New       |
| Brand     | Epoch     |
| Category  | Batteries |

The Epoch 48V 100Ah Self-Heating Server Rack LiFePO4 battery stores 5.12kWh in a compact 3U chassis for home solar backup, off-grid power walls, and energy-storage systems. It operates at 51.2V nominal voltage, supplies 100A discharge, and supports up to 70A charging. CAN/RS485 communication enables compatible inverter integration, while parallel expansion supports up to 32 batteries for larger installations. Self-heating adds cold-climate charging support; the source specifies charging from -10°C to 50°C with communication. This 101 lb, IP20-rated rack battery is not a waterproof marine model and has no Bluetooth. With 6,000+ cycles and an 11-year warranty, it is designed for stationary storage rather than engine starting.

## Configuration

|                  |                                           |
|------------------|-------------------------------------------|
| Sku              | SR48100H                                  |
| Heated           | yes                                       |
| Victron          | yes                                       |
| Ip Rating        | IP20                                      |
| Warranty         | 11 yr                                     |
| Width_in         | 18.1                                      |
| Bluetooth        | no                                        |
| Chemistry        | LiFePO4 / Lithium iron phosphate          |
| Cycle Life       | 6,000+                                    |
| Energy Kwh       | 5.12                                      |
| Height_in        | 5.2                                       |
| Length_in        | 17.4                                      |
| Capacity Ah      | 100                                       |
| Weight_lbs       | 101                                       |
| Model Number     | 48V 100Ah - Self-Heating Server Rack      |
| Max Output Amps  | 100                                       |
| Nominal Voltage  | 51.2                                      |
| Peak Output Amps | <119A for 5 minutes; <200A for 15 seconds |

|                                    |                                                                                                                                                           |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Max Charge Rate Amps</b>        | 70                                                                                                                                                        |
| <b>Shipping Restriction</b>        | supplier_direct_epoch                                                                                                                                     |
| <b>Charge Temperature Range</b>    | -10°C to 50°C with communication                                                                                                                          |
| <b>Discharge Temperature Range</b> | -20°C to 50°C with communication                                                                                                                          |
| <b>Shipping Restriction Reason</b> | Epoch ships these verified batteries directly to US customers. Shopify must confirm the delivery rate by ZIP; eligible Epoch orders over \$150 ship free. |

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