

# \* Proper Voltage



## Sodium Ion Battery Backup Salt Vault Adaptive

### Safer, scalable energy storage with Salt Vault Sodium-Ion batteries

Integrated battery packs engineered for mission-critical backup applications

- 10,000 deep discharge cycles
- Wide temperature operating range
- Programmable Voltage Control
- No thermal runaway for Sodium Chromium Oxide (NaCrO<sub>2</sub>) batteries



### Built for mission-critical UPS

- Telecom
- Grid-scale energy storage
- Commercial and industrial ESS
- Renewable energy integration
- Microgrids and backup power systems

Rack-ready sodium-ion UPS battery for critical infrastructure

## System Specification:

|                         |  |
|-------------------------|--|
| CHEMISTRY               | UNIGRID 70Ah Na-Ion                                |
| REGULATED VOLTAGE RANGE | 12-150V  |
| CAPACITY                | 70Ah, 6.09 kWh                                     |
| OUTPUT CURRENT          | 120A Continuous<br>140A Peak                       |
| RACK HEIGHT             | 4U   |
| DIMENSIONS (LWD)        | 541.02 × 177.8 × 642.62 mm<br>(21.3 × 7 × 25.3 in) |
| WEIGHT                  | 86.2 kg (190 lbs)                                  |
| CYCLE LIFE              | 10k Cycles @ standard<br>charge/discharge currents |
| CHARGING VOLTAGE        | 12 - 150 V   |
| MAX CHARGE POWER        | 3.045 kW   |
| COOLING METHOD          | Air Cooled   |
| COMMUNICATION           | RS485, Ethernet, Modbus                            |
| CONFIGURABILITY         | Series: 1<br>Parallel: 100+                        |
| CERTIFICATIONS PROVIDED | UL1973, UL9540A, UN38.3                            |





—  
Proper Voltage Inc  
5205 Avenida Encinas  
STE A  
Carlsbad, CA 92008

**[propervoltage.com](http://propervoltage.com)**  
**[connect@propervoltage.com](mailto:connect@propervoltage.com)**