

SUN-BATT-5.32R



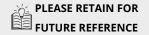
DATASHEET

Rack Mounted

Global Tech China Ltd, 3 Floor, Wai Yip Industrial Building. 171 Wai Yip Street, Kwun Tong, Kowloon, Hong Kong.

Tel: +852 2884 4318 Fax: +8522884 4816

www.sunsynk.com / sales@sunsynk.com



| Performance | |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| Nominal Voltage | 51.2 Vdc |
| Nominal Capacity | 104Ah |
| Battery Energy1 | 5320 Wh |
| Charge Voltage | 55.68~56.16Vdc |
| Discharge Voltage | 45.6-56.16 Vdc |
| Nominal Charge/Discharge Current | 50A |
| Nominal Charge/Discharge Power | 2500W |
| Max Charge / Discharge Current | 100A |
| Max Charge / Discharge Power | 5000W |
| Short Circuit Current | 350A |
| Communication | |
| Display | SOC status indicator, LED indicator |
| Communication | RS232, RS485, CAN |
| General Specification | |
| Dimension (W×D×H mm) | 450x520x185mm |
| Weigh | 46.5kg |
| Installation | Rack-Mounted, Wall-Mounted or Cabinet-Mounted |
| Working Temperature2 | -20°C ~ 60°C |
| Storage Temperature | ≤25°C, 12 months |
| | ≤35°C, 6 months |
| | ≤45°C, 3 months |
| Operating / Storage / humidity | IP20 |
| Max Operating Altitude | ≤ 95%RH |
| IP Rating | ≤ 2000m |
| Cell Technology | LiFePO ₄ , Lithium Iron Phosphate |
| Cycle life3 | 6000 Cycles @ 80% DOD / 25°C / 0.5C, 60% EOL |
| Scalability | Max 8 batteries in parallel |
| Standard Compliance | |
| Certification | PACK: UN38.3, IEC62619, IEC61000, CELL: UN38.3, IEC62619, UL 1642, JET (more available upon request) |
| Ordering and Deliverable Part | |
| Product ordering part | SUN-BATT-5.32R Battery SUN-BATT-5.32R Power cable SUN-BATT-5.32R Parallel cable |







Email us: sales@sunsynk.com Call us UK: +44 151 8324300

VAT Number: 175669460

UK Address: Sunsynk, 17 Turnstone business park,

Mulberry Avenue. Widnes, Cheshire, WA8 0WN.











