

**E MOTORS****JIANGSU E MOTORS CO.,LTD.**

TEL: +86 519 8622 3308-8029

FAX: +86 519 8622 3308-8032

ADD: 86 Wujin Boulevard West, Wujian Industrial Zone, Chagnzhou city, Jiangsu Province, China.

EMAIL: Sophiezhang@epowerjs.cn

**48V150Ah Telecom Sector Spec.**

|   |  |
|---|--|
| Material  | Lithium Iron Phosphate                             |
| System Item   | 48V150AH   |
| Standard Voltage (V)  | 48   |
| Capacity (C/5) (AH)   | 150  |
| Output Energy (C/5) (WH)  | 7200   |
| <b>Structure Size</b>   |  |
| Width (mm)  | 483 (19")  |
| Hight (mm)  | 399 (3U*3)   |
| Depth (mm)  | 365  |
| Weight (kg)   | 90KG   |
| <b>Electrical Parameters</b>  |  |
| Electric Window (V)   | 40~56.5  |
| Charge Voltage (V)  | 56.5   |
| Charge Mode   | no limited flow                                    |
| Max Continul Discharge Current (A)  | 50   |
| Charge time (h)   | 10.5H to 100%                                      |
| <b>Different electric time discharge power</b>                                    |  |
| 30min (W)   | 1440   |
| 1h (W)  | 7200   |
| 2h (W)  | 3600   |
| 4h (W)  | 1800   |
| <b>Working Condition</b>  |  |
| lifespan +25℃   | > 10 years   |
| Cycle life<br>(100% deep discharge, +20℃, 1C rate, 80% of the remaining capacity) | > 1500 cycle times                                 |
| Working Temprature  | -20℃~+60℃  |
| Conventional Transport  | UN3480   |
| Storage temperature and duration  | 1 year@20℃<br>6 months@30℃<br>3 months@40℃         |
| Electromagnetic compatibility standard  | EN61000<br>chapter 4.2, 4.3, 4.4, 4.5, 4.6/EN55022 |
| Safety Certification  | CE, Justifiable GR1089 & GR63 design               |
| Safety Standard   | IEC60950/UL1642/UL2054                             |
| IP Grade  | IP20   |