

Product Features

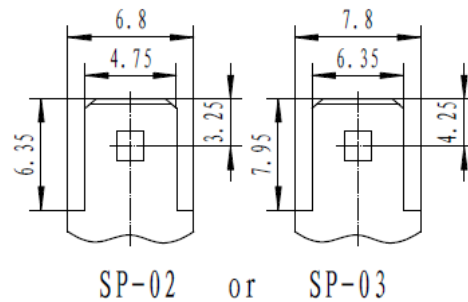
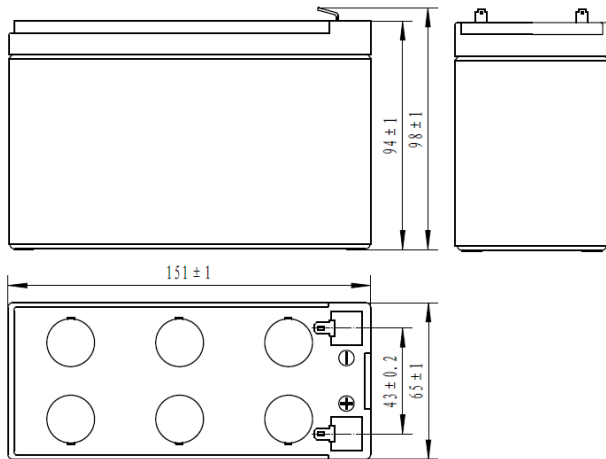
- High tin low calcium alloy grids designed to resist corrosion;
- Patent multi-layer polarity sealing structure, safety and reliable leakage-proof performance;
- Patent composite grid structure and plate of high humidity and high temperature curing process which prolong life;
- High purity raw and auxiliary materials, low self discharge.

Application

- UPS/EPS
- Emergency lighting
- Communication equipment;
- Renewable Energy
- Power tool
- Universal

Compliant Standards

- GB/T 19639.1-2005;
- IEC 61056-1/2: 2002
- JIS C8702-1/2: 2009;
- Passed ISO9001, ISO14001, OHSAS18001, UL and CE certificates



| | | | | |
|---------------------------|--|-------------------|-------------------|-------------------|
| Battery Model | SSP12-8 | | | |
| Designed Life | 5 Years | | | |
| Capacity(25°C) | 20HR(0.4A,1.75V) | 10HR(0.75A,1.75V) | 5HR(1.461A,1.75V) | 1HR(5.192A,1.70V) |
| | 8Ah | 7.5AH | 7.305AH | 5.192AH |
| Dimensions | Length | Width | Height | Total Height |
| | 151mm | 65mm | 94mm | 98mm |
| Approx. Weight | 2.4kg | | | |
| Internal Resistance | 27mΩ | | | |
| Maximum Discharge Current | 120A(5 Sec.) | | | |
| Self Discharge | ≤3% per months (25°C) | | | |
| Charge Voltage(25°C) | Cycle use | | Float use | |
| | 14.7V(-18mV/°C), max charge current:2.4A | | 13.62V(-18mV/°C) | |

Discharge parameter:

| Constant power discharge data (25°C, W/cell) | | | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| End voltage (V/cell) | 5min | 10min | 15min | 20min | 30min | 45min | 1h | 1.5h | 2h | 3h | 5h | 10h | 20h |
| 1.60 | 67.69 | 42.49 | 31.30 | 24.83 | 18.00 | 12.97 | 10.42 | 7.534 | 6.101 | 4.490 | 2.969 | 1.517 | 0.807 |
| 1.65 | 65.92 | 41.59 | 30.74 | 24.43 | 17.74 | 12.80 | 10.32 | 7.463 | 6.045 | 4.443 | 2.960 | 1.514 | 0.808 |
| 1.70 | 64.95 | 41.13 | 30.44 | 24.16 | 17.56 | 12.68 | 10.22 | 7.407 | 5.998 | 4.413 | 2.944 | 1.513 | 0.807 |
| 1.75 | 58.66 | 38.45 | 28.91 | 23.26 | 17.03 | 12.38 | 10.03 | 7.299 | 5.927 | 4.378 | 2.924 | 1.504 | 0.803 |
| 1.80 | 52.63 | 35.32 | 27.11 | 22.10 | 16.39 | 11.99 | 9.833 | 7.192 | 5.859 | 4.333 | 2.897 | 1.493 | 0.800 |

| Constant current discharge data (25°C, A) | | | | | | | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| End voltage (V/cell) | 5min | 10min | 15min | 20min | 30min | 45min | 1h | 1.5h | 2h | 3h | 5h | 10h | 20h |
| 1.60 | 37.16 | 22.54 | 16.45 | 12.92 | 9.296 | 6.652 | 5.319 | 3.827 | 3.087 | 2.265 | 1.493 | 0.761 | 0.404 |
| 1.65 | 36.02 | 21.97 | 16.11 | 12.68 | 9.139 | 6.545 | 5.248 | 3.779 | 3.052 | 2.236 | 1.486 | 0.758 | 0.404 |
| 1.70 | 35.26 | 21.65 | 15.88 | 12.50 | 9.016 | 6.463 | 5.192 | 3.743 | 3.022 | 2.217 | 1.474 | 0.756 | 0.402 |
| 1.75 | 31.68 | 20.16 | 15.04 | 11.99 | 8.720 | 6.293 | 5.080 | 3.680 | 2.980 | 2.195 | 1.461 | 0.750 | 0.400 |
| 1.80 | 28.20 | 18.45 | 14.03 | 11.35 | 8.371 | 6.086 | 4.963 | 3.617 | 2.938 | 2.168 | 1.445 | 0.743 | 0.398 |

All data on the spec. sheet is an average value:

The tolerance range: $X < 6\text{min}$ (+15%~-15%), $6\text{min} \leq X < 10\text{min}$ (+12%~-12%), $10\text{min} \leq X < 60\text{min}$ (+8%~-8%), $X \geq 60\text{min}$ (+5%~-5%)

Performance Curve:

