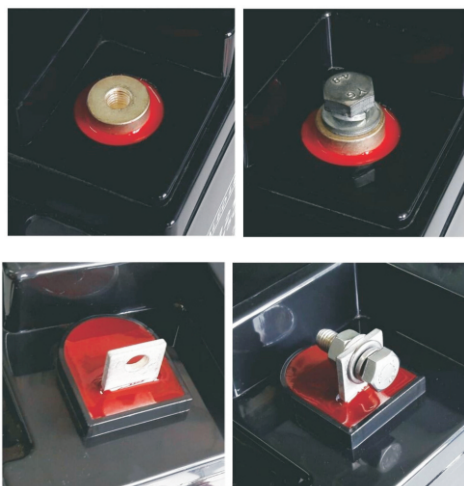




stablepower

**Shenzhen Stable Power Tech Co., Ltd**● **12V80AH(10Hr), General Series**● **Terminal Type**

|                                |              |                                                   |
|--------------------------------|--------------|---------------------------------------------------|
| Nominal Voltage                |              | 12V                                               |
| Actual Capacity (10 hour rate) |              | 80Ah                                              |
| Approx. Weight                 |              | 23.5kg(51.82lbs)±3%                               |
| Internal Resistance            |              | Approx. 6.0mΩ(Fully charged, 25°C)                |
| Terminal Type                  |              | Insert Screw/Bolt & Nut; (Screw: M6)              |
| Work Temperature               |              | -15°C---50°C (Normal: 25°C ±3°C(77°F ±5°F))       |
| Capacity (25°C)                | 10HR(10.8V)  | 80Ah                                              |
|                                | 5HR(10.5V)   | 70.7Ah                                            |
|                                | 1HR(9.6V)    | 50.1Ah                                            |
| Dimensions                     | Length       | 260±3mm(10.24inch)                                |
|                                | Width        | 168±2mm(6.61inch)                                 |
|                                | Height       | 211±2mm(8.31inch)                                 |
|                                | Total Height | 215±2mm(8.43inch)                                 |
| Self-discharge (25°C)          | 3 months     | Remaining Capacity:91%                            |
|                                | 6 months     | Remaining Capacity:82%                            |
|                                | 12 months    | Remaining Capacity:65%                            |
| Float Charging Voltage(25°C)   |              | 13.50 to 13.80V Temperature compensation:-18mV/°C |
| Cyclic Charging Voltage(25°C)  |              | 14.50 to 15.00V Temperature compensation:-30mV/°C |
| Maximum Charging Current       |              | 24.0A                                             |
| Maximum Discharge Current      |              | 960A(5 sec.)                                      |
| Designed Floating Life(25°C)   |              | 12years                                           |

● **Construction**

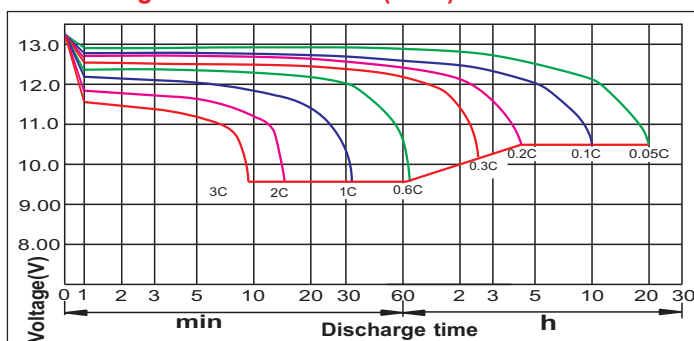
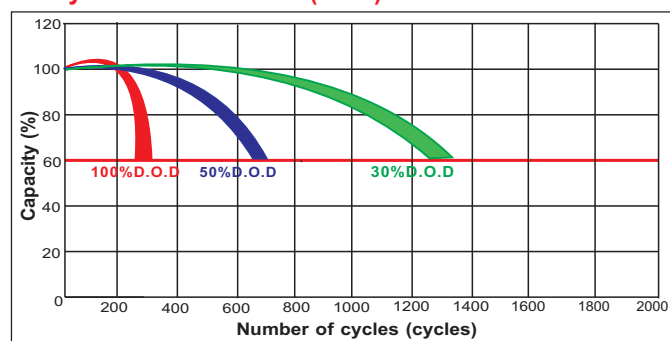
| Component Raw Material | Positive Plate Lead Dioxide | Negative Plate LEAD | Container ABS | Cover ABS | Separator AGM | Electrolyte Sulfuric Acid | Safety Valve Rubber | Terminal Copper |
|------------------------|-----------------------------|---------------------|---------------|-----------|---------------|---------------------------|---------------------|-----------------|
|------------------------|-----------------------------|---------------------|---------------|-----------|---------------|---------------------------|---------------------|-----------------|

● **Constant Current Discharge Characteristics Unit:Amp(25°C,77°F)**

| F.V/Time | 10min | 15min | 30min | 60min | 2h    | 3h    | 4h    | 5h    | 8h    | 10h   | 20h   |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 9.60V    | 169.7 | 133.4 | 80.82 | 50.11 | 29.50 | 20.61 | 16.87 | 14.45 | 9.891 | 8.224 | 4.324 |
| 9.90V    | 164.7 | 130.3 | 79.21 | 49.40 | 29.40 | 20.51 | 16.77 | 14.35 | 9.830 | 8.214 | 4.314 |
| 10.2V    | 157.6 | 125.3 | 76.78 | 48.09 | 29.10 | 20.31 | 16.67 | 14.25 | 9.770 | 8.183 | 4.294 |
| 10.5V    | 151.5 | 121.2 | 74.96 | 47.18 | 28.69 | 20.21 | 16.57 | 14.14 | 9.699 | 8.143 | 4.274 |
| 10.8V    | 142.5 | 115.2 | 72.14 | 45.67 | 27.88 | 19.60 | 16.06 | 13.74 | 9.406 | 8.082 | 4.243 |

● **Constant Power Discharge Characteristics Unit:Watts(25°C,77°F)**

| F.V/Time | 10min  | 15min  | 30min | 60min | 2h    | 3h    | 4h    | 5h    | 8h    | 10h   | 20h   |
|----------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 9.60V    | 1832.7 | 1463.9 | 907.2 | 570.8 | 342.5 | 242.5 | 199.0 | 170.7 | 117.2 | 98.20 | 51.83 |
| 9.90V    | 1778.1 | 1429.6 | 889.1 | 562.7 | 340.5 | 240.5 | 198.0 | 169.7 | 117.2 | 98.00 | 51.73 |
| 10.2V    | 1704.4 | 1376.0 | 861.8 | 548.6 | 337.4 | 239.4 | 196.0 | 168.7 | 116.2 | 97.80 | 51.63 |
| 10.5V    | 1631.6 | 1329.6 | 840.6 | 537.5 | 332.4 | 237.4 | 195.0 | 166.7 | 115.2 | 97.19 | 51.32 |
| 10.8V    | 1539.7 | 1258.8 | 810.3 | 521.3 | 323.3 | 230.3 | 188.9 | 162.7 | 112.1 | 96.48 | 50.92 |

● **Discharge characteristics (25°C)**● **Cycle Life on D.O.D (25°C)**[www.stablepower.cn](http://www.stablepower.cn)