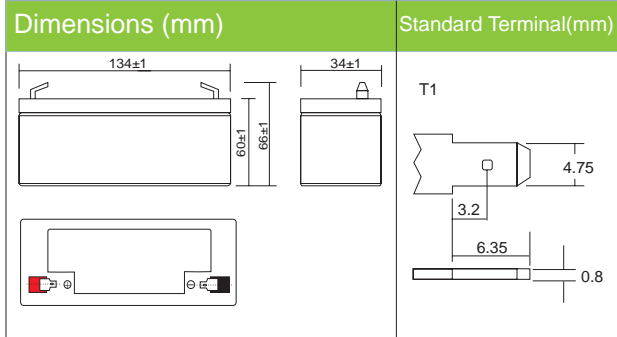
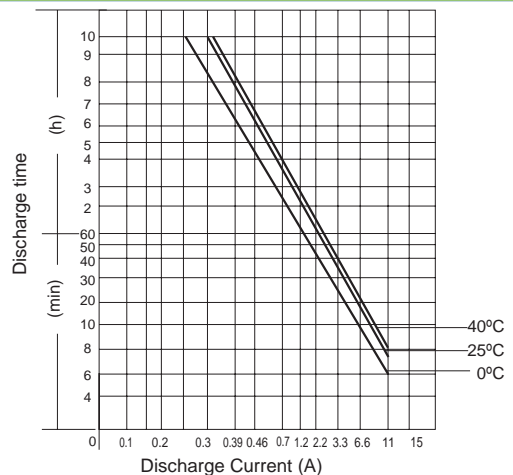


BD6-3.2 (6V3.2Ah)



Discharging Current & Discharge Duration Time



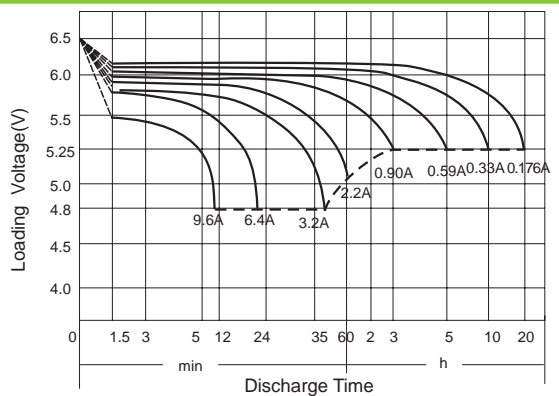
PHYSICAL SPECIFICATION

| | | |
|------------------------|------------------------------|--------------------------|
| Nominal Voltage | | 6V |
| Nominal Capacity (20h) | | 3.2Ah |
| Dimension | Length | 134±1mm (5.27 inches) |
| | Width | 34±1mm (1.34 inches) |
| | Container Height | 60±1mm (2.36 inches) |
| | Total Height (with Terminal) | 66±1mm (2.60 inches) |
| Weight | | Approx. 0.62kg (1.37lbs) |
| Standard Terminal | | T1(standard) |

ELECTRICAL SPECIFICATION

| | | | | | |
|----------------------------------|---|-------|-------------------------|--|---|
| Rated Capacity | 20 hour rate (176mA) | 3.5Ah | Constant-Voltage Charge | Cycle | Initial Charging Current less than 1.0A. Voltage 7.20V~ 7.50V at 25°C (77°F) Temp. Coefficient -15mV/°C |
| | 10 hour rate (330mA) | 3.3Ah | | | |
| | 5 hour rate (594mA) | 2.9Ah | | | |
| | 1 hour rate (2.2 A) | 2.2Ah | | | |
| | 15minute rate (5.2 A) | 1.3Ah | | | |
| Capacity affected by Temperature | 40°C (104°F) | 103% | Standby | No limit on Initial Charging Current Voltage 6.75V~6.90V at 25°C(77°F) Temp. Coefficient - 10mV/°C | |
| | 25°C (77°F) | 100% | | | |
| | 0°C (32°F) | 86% | | | |
| Internal Resistance | Fully charged battery (25°C, 77°F) 20mΩ | | | | |

Discharge Characteristics (25°C, 77°F)



Constant Current (Amp) and Constant Power (Watt/Cell) Discharge Table

Discharge Time (Minute) to final voltage /cell

| Final voltage | Time | 0.5 | 1 | 2 | 3 | 6 | 10 | 20 | 30 | 60 | 120 | 180 | 300 | 600 |
|---------------|------|------|------|------|------|------|------|------|-----|-----|-----|------|------|------|
| 1.75V | A | 21.1 | 19.4 | 17.6 | 14.1 | 12.3 | 9.7 | 4.8 | 3.5 | 2.1 | 1.2 | 0.90 | 0.59 | 0.33 |
| 25°C | W | 33.4 | 28.8 | 26.2 | 20.9 | 18.5 | 15.6 | 9.4 | 4.9 | 3.9 | 2.3 | 1.87 | 1.21 | 0.66 |
| 1.70V | A | 28.4 | 25.5 | 23.2 | 18.5 | 14.9 | 10.6 | 5.5 | 3.9 | 2.2 | 1.2 | 0.99 | 0.62 | 0.34 |
| 25°C | W | 45.8 | 39.3 | 35.5 | 28.8 | 22.4 | 16.5 | 10.6 | 6.5 | 4.2 | 2.4 | 1.87 | 1.32 | 0.68 |
| 1.60V | A | 37.0 | 32.6 | 28.7 | 22.7 | 17.6 | 11.2 | 6.4 | 4.1 | 2.3 | 1.3 | 1.05 | 0.66 | 0.35 |
| 25°C | W | 53.3 | 46.0 | 41.1 | 32.3 | 25.0 | 19.0 | 11.4 | 6.7 | 4.2 | 2.5 | 1.98 | 1.32 | 0.70 |
| 1.75V | A | 18.5 | 16.7 | 15.6 | 12.3 | 9.9 | 8.1 | 4.6 | 3.3 | 1.9 | 1.0 | 0.77 | 0.44 | 0.30 |
| 5°C | W | 29.4 | 26.4 | 24.6 | 19.4 | 16.5 | 13.8 | 8.3 | 4.4 | 3.2 | 2.0 | 1.54 | 0.99 | 0.55 |
| 1.70V | A | 25.5 | 23.5 | 21.1 | 16.7 | 13.2 | 9.9 | 4.8 | 3.4 | 2.0 | 1.1 | 0.88 | 0.50 | 0.31 |
| 5°C | W | 39.4 | 34.7 | 31.7 | 25.5 | 20.9 | 15.3 | 9.4 | 4.8 | 3.5 | 2.2 | 1.65 | 1.05 | 0.62 |
| 1.60V | A | 31.7 | 28.1 | 24.4 | 19.1 | 14.7 | 10.8 | 5.0 | 3.6 | 2.0 | 1.2 | 0.94 | 0.55 | 0.32 |
| 5°C | W | 49.0 | 42.9 | 38.2 | 30.8 | 24.4 | 16.2 | 10.2 | 5.2 | 3.6 | 2.2 | 1.76 | 1.10 | 0.66 |