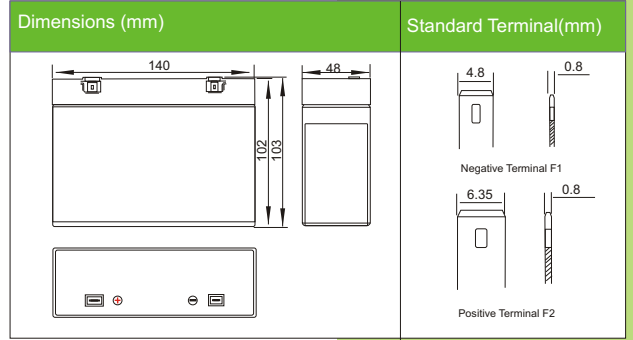
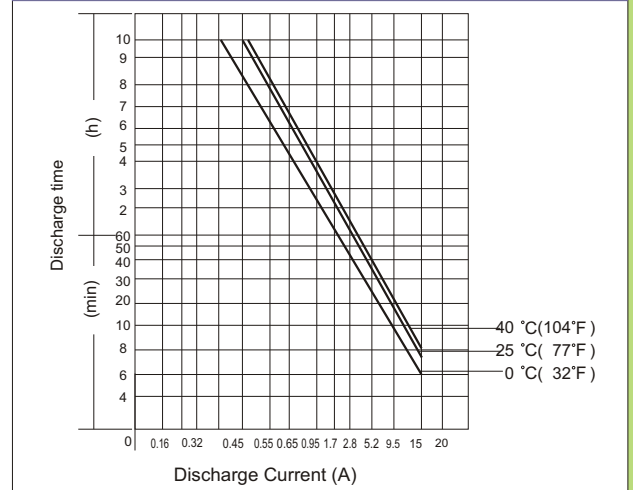




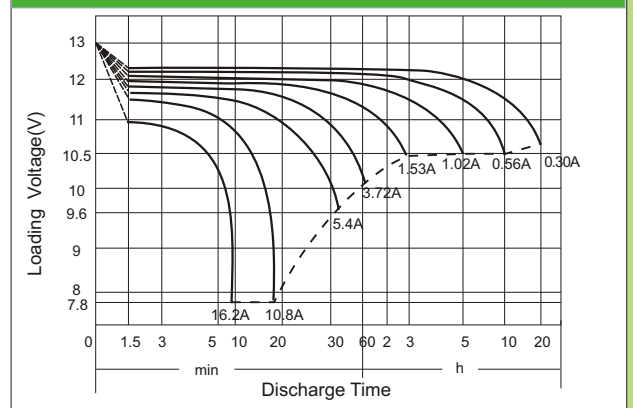
DJW12-5.5(12V5.5AH)



Discharging Current & Discharge Duration Time



Discharge Characteristics (25°C, 77°F)



PHYSICAL SPECIFICATION

| | | |
|-------------------------|------------------------------|-------------------------|
| Nominal Voltage | | 12V |
| Nominal Capacity (20HR) | | 6.0AH |
| Dimension | Length | 140 ± 1mm (5.51 inches) |
| | Width | 48 ± 1mm (1.89 inches) |
| | Container Height | 102 ± 1mm (4.02 inches) |
| | Total Height (with Terminal) | 103 ± 1mm (4.06 inches) |
| Weight | | Approx 1.9kg (4.19lbs) |
| Standard Terminal | | T1 or T2(standard) |

ELECTRICAL SPECIFICATION

| | | | | | |
|----------------------------------|------------------------|--------|---|---------|---|
| Rated Capacity | 20 hour rate (300mA) | 6.0AH | Constant-Voltage | Cycle | Initial Charging Current less than 1.62A. Voltage 14.4V-15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C |
| | 10 hour rate (560mA) | 5.6AH | | | |
| | 5 hour rate (1.02A) | 5.1AH | | | |
| | 1 hour rate (3.72A) | 3.72AH | | | |
| Capacity affected by Temperature | 15minute rate (11.76A) | 2.94AH | Charge | Standby | No limit on Initial Charging Current Voltage 13.5V-13.8V at 25°C (77°F) Temp. Coefficient -20mV/°C |
| | 40°C (104°F) | 103% | | | |
| | 25°C (77°F) | 100% | | | |
| Internal Resistance | 0°C (32°F) | 86% | Fully charged battery (25°C, 77°F) 25mΩ | | |

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

| Final voltage | Time | Discharge Time (Minute) to final voltage /cell | | | | | | | | | | | | |
|---------------|------|--|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 0.5 | 1 | 2 | 3 | 6 | 10 | 20 | 30 | 60 | 120 | 180 | 300 | 600 |
| 1.75V | A | 32.8 | 30.0 | 27.3 | 21.8 | 16.3 | 13.4 | 8.14 | 5.95 | 3.37 | 2.02 | 1.53 | 1.02 | 0.56 |
| 25°C | W | 51.9 | 44.5 | 40.4 | 32.2 | 21.4 | 24.2 | 14.8 | 11.0 | 6.44 | 3.89 | 3.04 | 2.04 | 1.12 |
| 1.70V | A | 44.1 | 39.6 | 35.9 | 28.7 | 18.3 | 14.6 | 8.55 | 6.20 | 3.48 | 2.10 | 1.57 | 1.07 | 0.60 |
| 25°C | W | 71.0 | 60.9 | 55.0 | 44.5 | 27.5 | 25.3 | 15.6 | 11.5 | 6.83 | 4.18 | 3.07 | 2.07 | 1.20 |
| 1.60V | A | 57.3 | 50.4 | 44.5 | 35.0 | 21.7 | 16.8 | 9.25 | 6.90 | 3.90 | 2.23 | 1.69 | 1.14 | 0.62 |
| 25°C | W | 82.6 | 71.4 | 63.6 | 50.0 | 30.6 | 29.1 | 16.5 | 13.6 | 7.74 | 4.26 | 3.24 | 2.20 | 1.21 |
| 1.75V | A | 28.7 | 25.9 | 24.0 | 19.1 | 12.3 | 12.0 | 7.29 | 5.33 | 3.01 | 1.81 | 1.37 | 0.91 | 0.51 |
| 5°C | W | 45.5 | 41.0 | 38.2 | 30.0 | 20.0 | 21.7 | 13.3 | 9.87 | 5.76 | 3.48 | 2.72 | 1.81 | 1.02 |
| 1.70V | A | 39.6 | 36.3 | 32.8 | 25.9 | 16.3 | 13.1 | 7.65 | 5.55 | 3.11 | 1.88 | 1.41 | 0.96 | 0.54 |
| 5°C | W | 60.9 | 53.7 | 49.1 | 39.5 | 25.5 | 22.7 | 13.9 | 10.2 | 6.23 | 3.73 | 2.75 | 1.86 | 1.07 |
| 1.60V | A | 49.1 | 43.7 | 37.8 | 29.5 | 18.0 | 15.3 | 8.28 | 6.18 | 3.49 | 2.00 | 1.51 | 1.02 | 0.55 |
| 5°C | W | 75.9 | 66.4 | 59.1 | 47.8 | 29.9 | 26.0 | 14.8 | 12.2 | 7.16 | 3.81 | 2.90 | 1.97 | 1.09 |