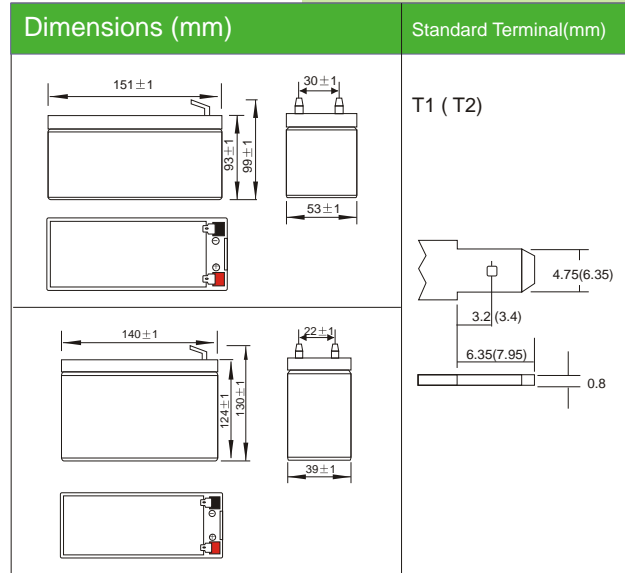


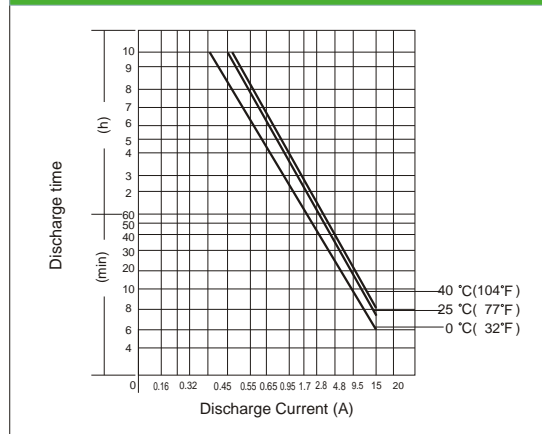


# DJW12-5.0(12V5.4AH)



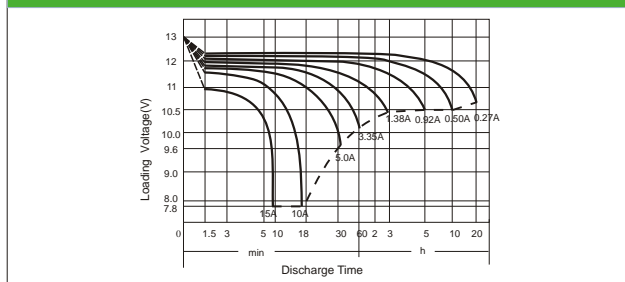
| Physical Specification  |                              |                         |
|-------------------------|------------------------------|-------------------------|
| Nominal Voltage         | 12V                          | 12V                     |
| Nominal Capacity (20HR) | 5.4AH                        | 5.4AH                   |
| Dimension               | Length                       | 151 ± 1mm (5.95 inches) |
|                         | Width                        | 53 ± 1mm (2.09 inches)  |
|                         | Container Height             | 93 ± 1mm (3.66 inches)  |
|                         | Total Height (with Terminal) | 99 ± 1mm (3.90 inches)  |
| Weight                  | Approx 1.98kg (4.37lbs)      | Approx 1.90kg (4.19lbs) |
|                         | Standard Terminal            | T1/T2 (standard)        |

## Discharging Current & Discharge Duration Time



| Electrical Specification         |                        |        |                  |         |  |
|----------------------------------|------------------------|--------|------------------|---------|--|
| Rated Capacity                   | 20 hour rate (270mA)   | 5.4AH  | Constant-Voltage | Cycle   | Initial Charging Current less than 1.5A. Voltage 14.4V~ 15.0V at 25°C (77°F) Temp. Coefficient -30mV/C |
|                                  | 10 hour rate (500mA)   | 5.0AH  |                  |         |  |
|                                  | 5 hour rate (0.92 A)   | 4.6AH  |                  |         |  |
|                                  | 1 hour rate (3.35A)    | 3.35AH |                  |         |  |
|                                  | 15minute rate (10.58A) | 2.65AH |                  |         |  |
| Capacity affected by Temperature | 40C (104F)             | 103%   | Charge           | Standby | No limit on Initial Charging Current Voltage 13.5V~13.8V at 25°C (77°F) Temp. Coefficient - 20mV/C     |
|                                  | 25C (77F)              | 100%   |                  |         |  |
|                                  | 0C (32F)               | 86%    |                  |         |  |

## Discharge Characteristics (25°C, 77°F)



## Constant Current (Amp) and Constant Power (Watt) Discharge Table (25°C, 77°F)

| Time(minute) Final voltage/Cell | 5     | 10    | 15    | 20    | 30    | 45   | 60   | 120  | 180  | 300  | 600  | 1200 |
|---------------------------------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| Amp/Watt/Cell                   | 1.3   | 1.3   | 1.3   | 1.3   | 1.6   | 1.6  | 1.67 | 1.7  | 1.75 | 1.75 | 1.75 | 1.8  |
| A                               | 21.60 | 15.39 | 10.58 | 8.64  | 6.21  | 4.32 | 3.35 | 1.89 | 1.38 | 0.92 | 0.50 | 0.27 |
| W                               | 38.66 | 28.94 | 20.14 | 16.90 | 12.20 | 8.59 | 6.64 | 3.76 | 2.74 | 1.84 | 1.00 | 0.54 |