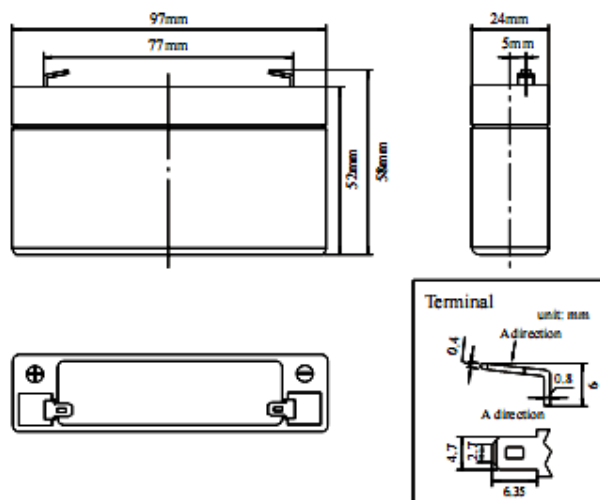


### Product Image



### Product Dimensions



### Characteristics

|                                                   |                           |                                                             |
|---------------------------------------------------|---------------------------|-------------------------------------------------------------|
| Nominal Voltage                                   |                           | 6V                                                          |
| Nominal Capacity (20 hour rate)                   |                           | 1.3Ah                                                       |
| Capacity<br>25°C(77°F)                            | 10 hour rate (0.124A)     | 1.24Ah                                                      |
|                                                   | 5 hour rate (0.23A)       | 1.16Ah                                                      |
|                                                   | 1 hour rate (0.86A)       | 0.86Ah                                                      |
| Internal Resistance                               | Full Charged Battery 25°C | ≤46mΩ                                                       |
| Capacity affected by<br>Temperature<br>(10 hour ) | 40°C (104°F)              | 102%                                                        |
|                                                   | 25°C (77°F)               | 100%                                                        |
|                                                   | 0°C (32°F)                | 85%                                                         |
|                                                   | -15°C (5°F)               | 65%                                                         |
| Self-Discharge<br>25°C(77°F)<br>Capacity          | after 3 month storage     | 90%                                                         |
|                                                   | after 6 month storage     | 80%                                                         |
|                                                   | after 12 month storage    | 62%                                                         |
| Charge<br>(Constant<br>Voltage)<br>25°C<br>(77°F) | Float                     | Initial Charging Current Less than0.39A<br>Voltage 6.8-6.9V |
|                                                   | Cycle                     | Initial Charging Current Less than0.39A<br>Voltage 7.2-7.5V |

### Packaging

|                       |              |                |
|-----------------------|--------------|----------------|
| Battery<br>Dimensions | Length       | 97mm           |
|                       | Width        | 24mm           |
|                       | Height       | 53mm           |
|                       | Total Height | 58mm           |
| Box<br>Dimensions     | Length       | 309mm          |
|                       | Width        | 214mm          |
|                       | Height       | 170mm          |
| Quantity Per Box      |              | 40 pcs per box |
| Net weight Per Cell   |              | 0.25kg±20g     |
| Net weight Per Box    |              | 10kg           |
| Gross Weight          |              | 10.4kg         |

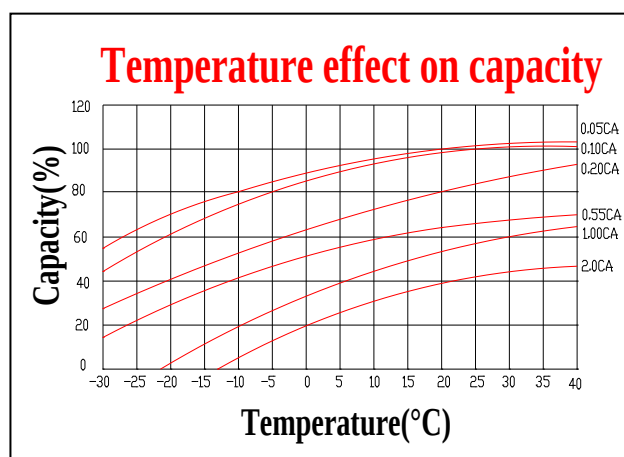
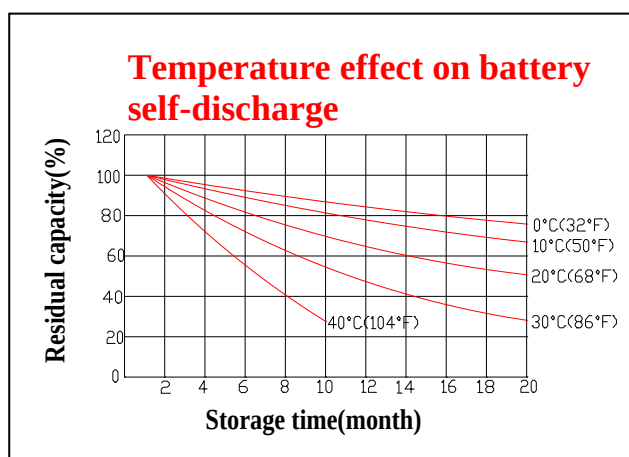
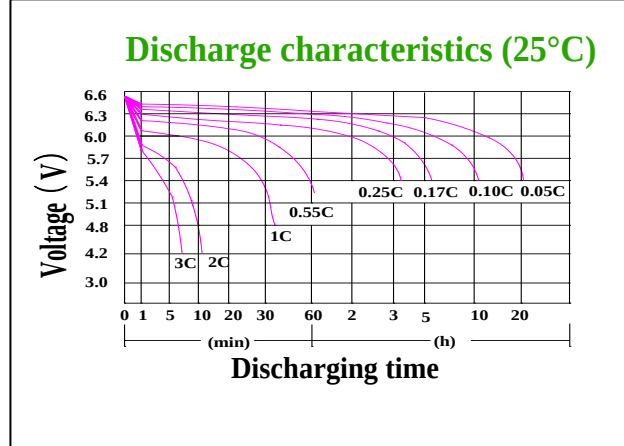
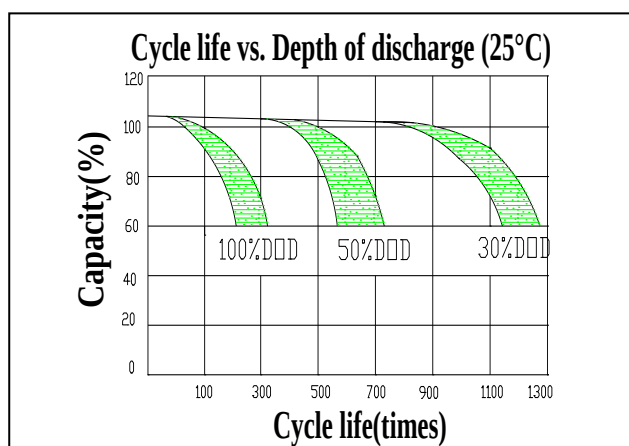
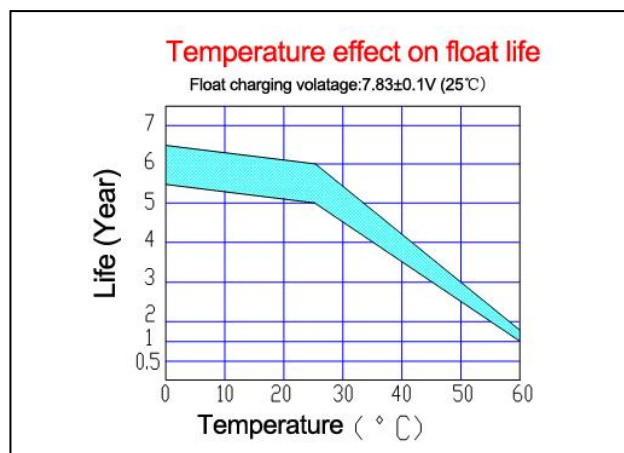
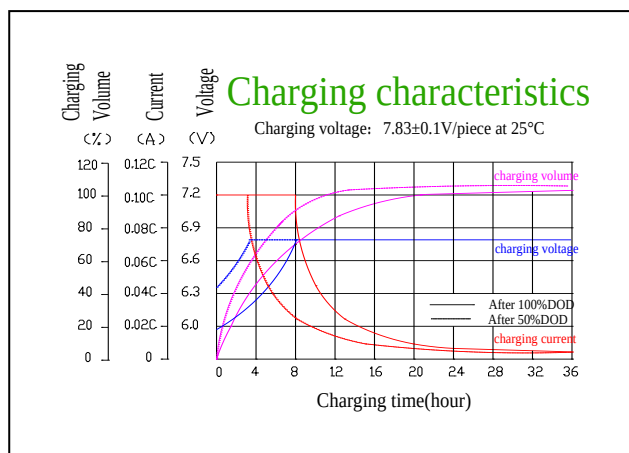
#### Discharge Constant Current per Cell (Amperes at 77°F25°C)

| F.V/Time | 5min | 10min | 15min | 30min | 45min | 1h   | 2h   | 3h   | 5h   | 8h   | 10h  | 20h  |
|----------|------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| 1.60V    | 3.76 | 2.42  | 2.01  | 1.34  | 0.96  | 0.83 | 0.37 | 0.36 | 0.24 | 0.16 | 0.14 | 0.08 |
| 1.65V    | 3.69 | 2.37  | 1.98  | 1.32  | 0.95  | 0.81 | 0.36 | 0.35 | 0.24 | 0.16 | 0.14 | 0.07 |
| 1.70V    | 3.62 | 2.33  | 1.94  | 1.29  | 0.93  | 0.80 | 0.35 | 0.34 | 0.23 | 0.15 | 0.14 | 0.07 |
| 1.75V    | 3.55 | 2.28  | 1.90  | 1.27  | 0.91  | 0.78 | 0.35 | 0.34 | 0.23 | 0.15 | 0.14 | 0.07 |
| 1.80V    | 3.42 | 2.20  | 1.83  | 1.22  | 0.87  | 0.75 | 0.33 | 0.33 | 0.22 | 0.15 | 0.13 | 0.07 |

#### Discharge Constant Power per Cell (Watts at 77°F 25°C)

| F.V/Time | 5min | 10min | 15min | 30min | 45min | 1h   | 2h   | 3h   | 5h   | 8h   | 10h  | 20h  |
|----------|------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| 1.60V    | 7.23 | 4.65  | 3.87  | 2.58  | 1.85  | 1.60 | 0.70 | 0.69 | 0.47 | 0.31 | 0.28 | 0.15 |
| 1.65V    | 7.10 | 4.56  | 3.80  | 2.54  | 1.82  | 1.57 | 0.69 | 0.68 | 0.46 | 0.30 | 0.27 | 0.14 |
| 1.70V    | 6.97 | 4.48  | 3.73  | 2.49  | 1.78  | 1.54 | 0.68 | 0.66 | 0.45 | 0.30 | 0.27 | 0.14 |
| 1.75V    | 6.84 | 4.40  | 3.66  | 2.44  | 1.75  | 1.51 | 0.67 | 0.65 | 0.44 | 0.29 | 0.26 | 0.14 |
| 1.80V    | 6.57 | 4.23  | 3.52  | 2.35  | 1.68  | 1.45 | 0.64 | 0.63 | 0.43 | 0.28 | 0.25 | 0.13 |

**Note** The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values. Cell and battery designs/specifications are subject to modification without notice. Contact **US** for the latest information.

**Performance Characteristics****Battery Construction**

| Component    | Positive plate | Negative plate | Container | Cover | Safety valve | Terminal | Separator  | Electrolyte   |
|--------------|----------------|----------------|-----------|-------|--------------|----------|------------|---------------|
| Raw material | Lead dioxide   | Lead           | ABS       | ABS   | Si-Rubber    | Copper   | Fiberglass | Sulfuric acid |

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