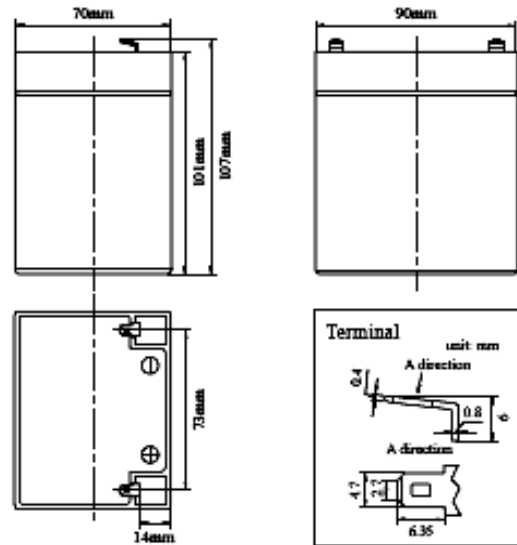


### Product Image



### Product Dimensions



### Characteristics

|                                                   |                           |                                                                |
|---------------------------------------------------|---------------------------|----------------------------------------------------------------|
| Nominal Voltage                                   |                           | 12V                                                            |
| Nominal Capacity (20 hour rate)                   |                           | 3.2Ah                                                          |
| Capacity<br>25°C (77°F)                           | 10 hour rate (0.31A)      | 3.06Ah                                                         |
|                                                   | 5 hour rate (0.57A)       | 2.85Ah                                                         |
|                                                   | 1 hour rate (2.1A)        | 2.1Ah                                                          |
| Internal Resistance                               | Full Charged Battery 25°C | ≤34m Ω                                                         |
| 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 than 0.9A<br>Voltage 13..6-13.8V |
|                                                   | Cycle                     | Initial Charging Current Less than 0.9A<br>Voltage 14.4-15.0V  |

### Packaging

|                       |              |                |
|-----------------------|--------------|----------------|
| Battery<br>Dimensions | Length       | 90mm           |
|                       | Width        | 70mm           |
|                       | Height       | 101mm          |
|                       | Total Height | 107mm          |
| Box<br>Dimensions     | Length       | 389mm          |
|                       | Width        | 200mm          |
|                       | Height       | 147mm          |
| Quantity Per Box      |              | 10 pcs per box |
| Net weight Per Cell   |              | 1.4 kg±50g     |
| Net weight Per Box    |              | 14kg           |
| Gross Weight          |              | 14.4kg         |

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

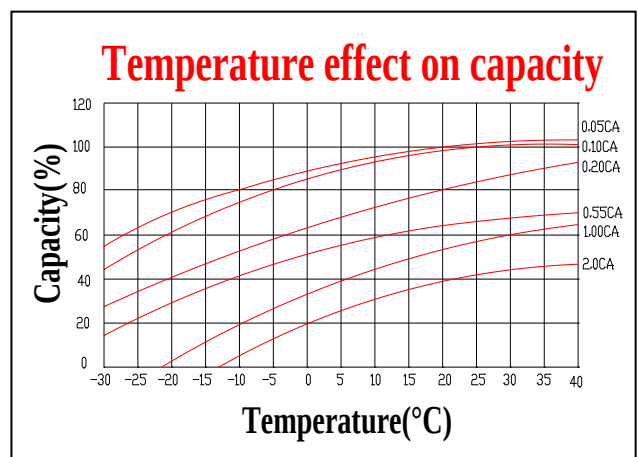
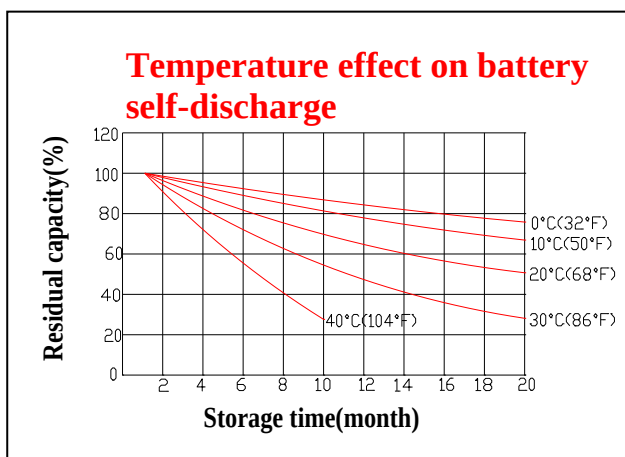
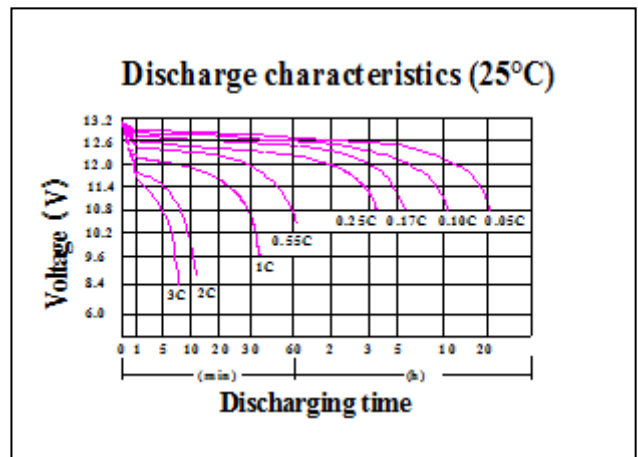
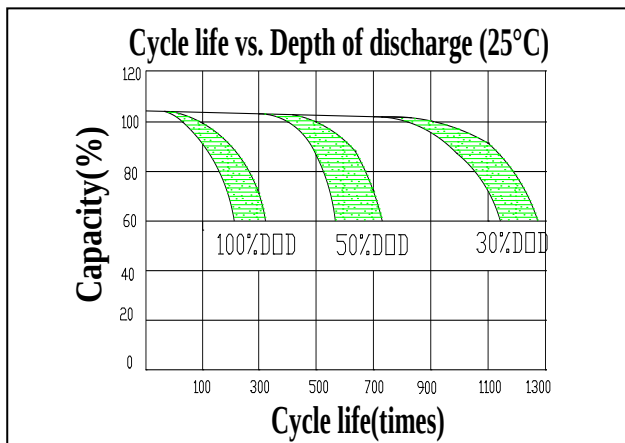
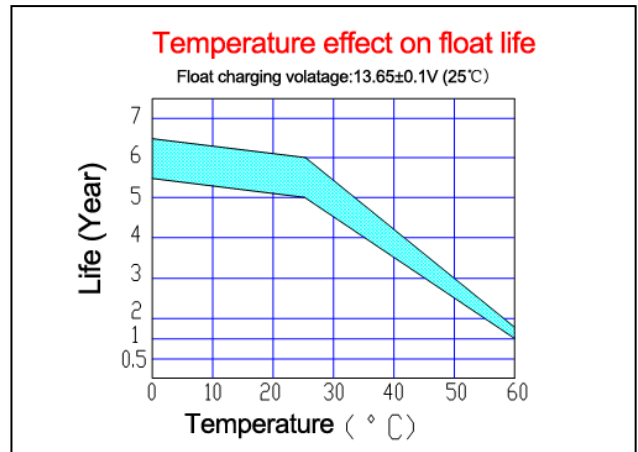
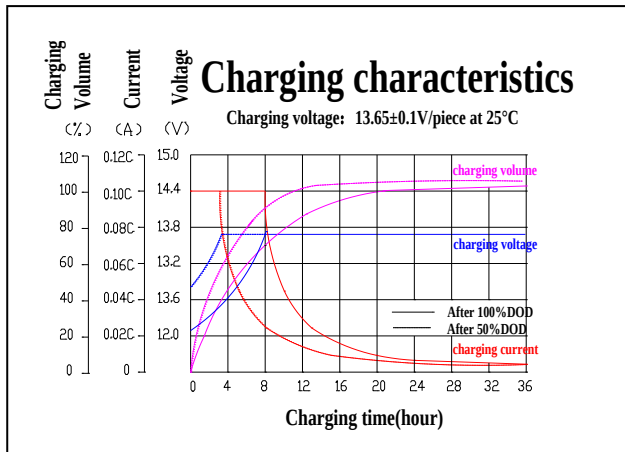
| F.V/Time | 5min | 10min | 15min | 30min | 45min | 1h   | 2h   | 3h   | 5h   | 8h   | 10h  | 20h  |
|----------|------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| 1.60V    | 9.54 | 6.13  | 5.11  | 3.41  | 2.44  | 2.11 | 0.93 | 0.91 | 0.62 | 0.41 | 0.36 | 0.19 |
| 1.65V    | 9.36 | 6.02  | 5.02  | 3.34  | 2.40  | 2.07 | 0.91 | 0.89 | 0.61 | 0.40 | 0.36 | 0.19 |
| 1.70V    | 9.19 | 5.91  | 4.92  | 3.28  | 2.35  | 2.03 | 0.89 | 0.87 | 0.59 | 0.39 | 0.35 | 0.19 |
| 1.75V    | 9.02 | 5.80  | 4.83  | 3.22  | 2.31  | 1.99 | 0.88 | 0.86 | 0.58 | 0.38 | 0.34 | 0.18 |
| 1.80V    | 8.67 | 5.57  | 4.64  | 3.10  | 2.22  | 1.91 | 0.84 | 0.83 | 0.56 | 0.37 | 0.33 | 0.17 |

#### 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    | 18.36 | 11.80 | 9.83  | 6.55  | 4.70  | 4.05 | 1.79 | 1.75 | 1.19 | 0.78 | 0.70 | 0.37 |
| 1.65V    | 18.02 | 11.59 | 9.65  | 6.44  | 4.62  | 3.98 | 1.76 | 1.72 | 1.16 | 0.77 | 0.69 | 0.36 |
| 1.70V    | 17.69 | 11.37 | 9.47  | 6.32  | 4.53  | 3.90 | 1.72 | 1.68 | 1.15 | 0.76 | 0.67 | 0.36 |
| 1.75V    | 17.35 | 11.16 | 9.30  | 6.20  | 4.45  | 3.83 | 1.69 | 1.65 | 1.12 | 0.74 | 0.66 | 0.35 |
| 1.80V    | 16.69 | 10.73 | 8.94  | 5.96  | 4.28  | 3.69 | 1.63 | 1.59 | 1.08 | 0.71 | 0.64 | 0.34 |

**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 |

Guangdong JiYi General Electric Co., Ltd.

Oversea sales office Tel: +86-020-84869873 Fax: +86-020-34628335

Domestic sales office Tel: 020-34628335 Fax: 020-34628335

E-mail: ge@gerch.cn