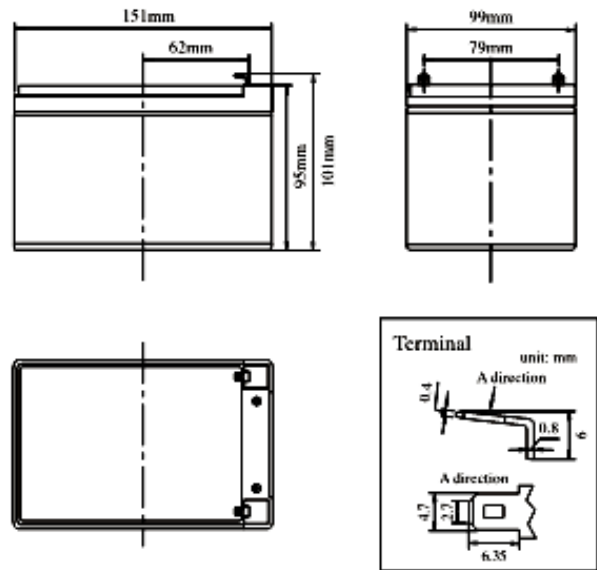


Product Image



Product Dimensions



Characteristics

| | | |
|---|---------------------------|---|
| Nominal Voltage | | 12V |
| Nominal Capacity (20 hour rate) | | 13Ah |
| Capacity 25°C (77°F) | 10 hour rate (1.24A) | 12.4Ah |
| | 5 hour rate (2.31A) | 11.57Ah |
| | 1 hour rate (8.58A) | 8.58Ah |
| Internal Resistance | Full Charged Battery 25°C | ≤14mΩ |
| Capacity affected by Temperature (10 hour) | 40°C (104°F) | 102% |
| | 25°C (77°F) | 100% |
| | 0°C (32°F) | 85% |
| | -15°C (5°F) | 65% |
| Self-Discharge 25°C (77°F) Capacity | after 3 month storage | 90% |
| | after 6 month storage | 80% |
| | after 12 month storage | 62% |
| Charge (Constant Voltage) 25°C (77°F) | Float | Initial Charging Current Less than 3.9A Voltage 13.6-13.8V |
| | Cycle | Initial Charging Current Less than 3.9A Voltage 14.4-15.0V |

Packaging

| | | |
|-----------------------|-----------------|---------------|
| Battery Dimensions | Length | 151mm |
| | Width | 99mm |
| | Height | 95mm |
| | Total Height | 101mm |
| Box Dimensions | Length | 325mm |
| | Width | 218mm |
| | Height | 117mm |
| Quantity Per Box | | 4 pcs per box |
| Net weight Per Cell | | 3.2 kg±150g |
| Net weight Per Box | | 12.8kg |
| Gross Weight | | 13.3kg |

Discharge Constant Current per Cell (Amperes at 77°F 25°C)

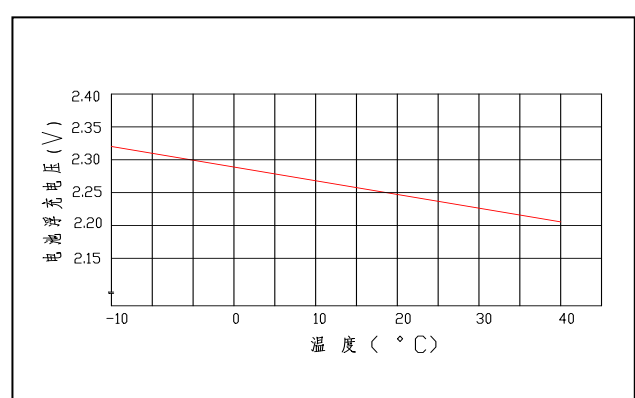
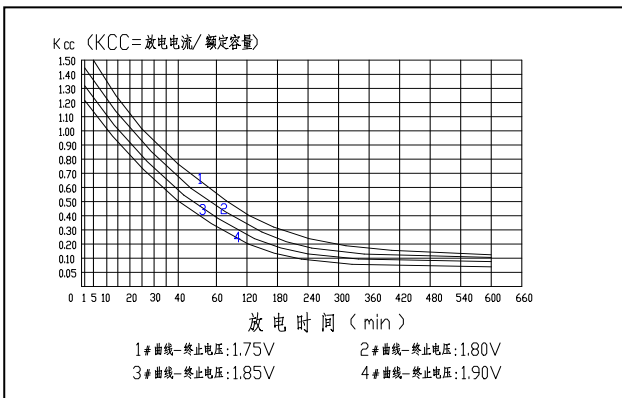
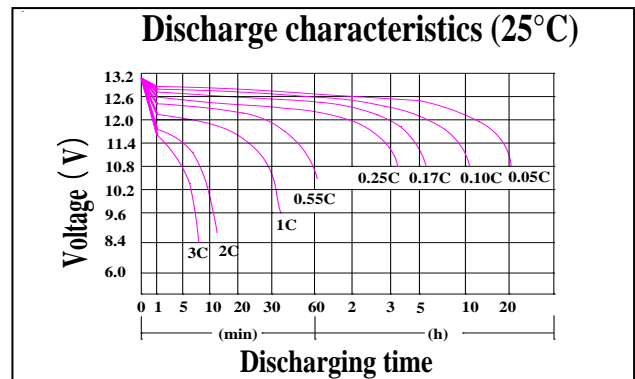
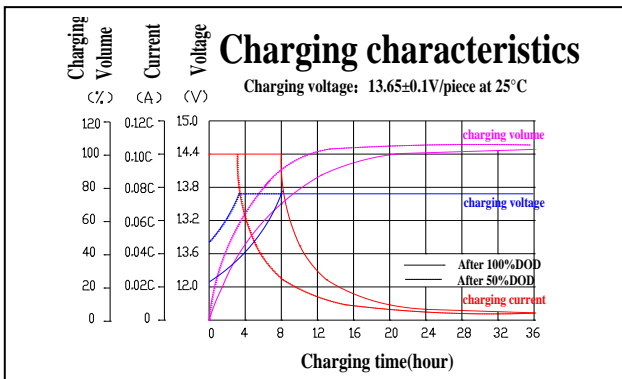
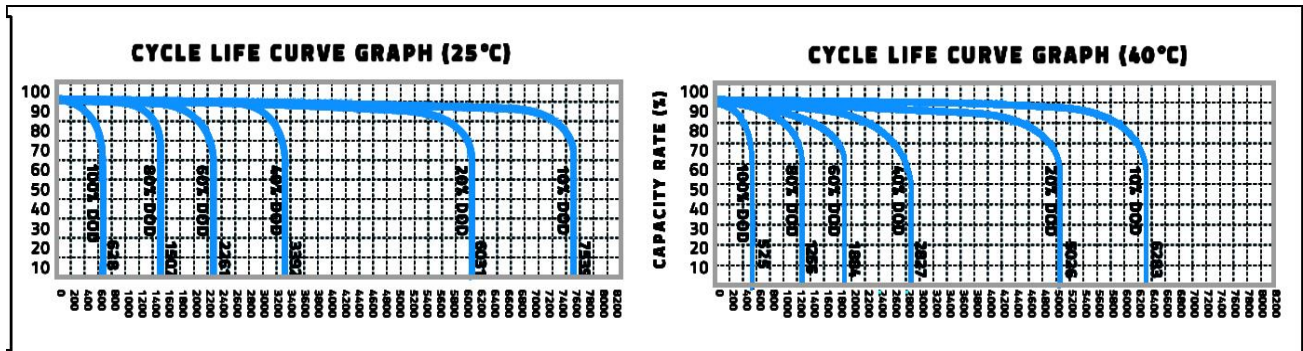
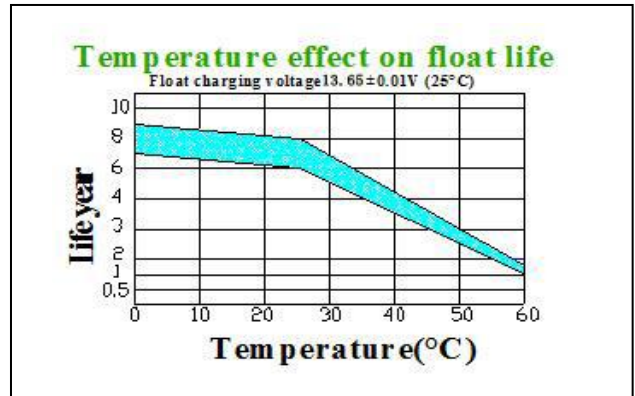
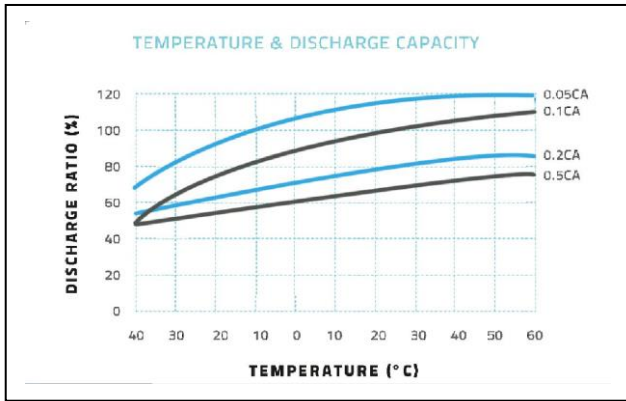
| F.V/Time | 5min | 10min | 15min | 30min | 45min | 1h | 2h | 3h | 5h | 8h | 10h | 20h |
|----------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| 1.60V | 37.57 | 24.15 | 20.12 | 13.42 | 9.62 | 8.29 | 3.67 | 3.58 | 2.43 | 1.60 | 1.43 | 0.76 |
| 1.65V | 36.88 | 23.71 | 19.76 | 13.17 | 9.45 | 8.14 | 3.59 | 3.51 | 2.39 | 1.57 | 1.40 | 0.74 |
| 1.70V | 36.21 | 23.27 | 19.38 | 12.92 | 9.27 | 8.00 | 3.52 | 3.45 | 2.34 | 1.55 | 1.38 | 0.73 |
| 1.75V | 35.52 | 22.84 | 19.02 | 12.69 | 9.10 | 7.84 | 3.46 | 3.38 | 2.30 | 1.51 | 1.35 | 0.72 |
| 1.80V | 34.15 | 21.96 | 18.29 | 12.19 | 8.75 | 7.54 | 3.33 | 3.25 | 2.21 | 1.46 | 1.30 | 0.69 |

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 | 72.32 | 46.49 | 38.73 | 25.82 | 18.53 | 15.96 | 7.05 | 6.88 | 4.68 | 3.08 | 2.76 | 1.46 |
| 1.65V | 71.01 | 45.64 | 38.03 | 25.35 | 18.19 | 15.68 | 6.92 | 6.76 | 4.59 | 3.03 | 2.70 | 1.43 |
| 1.70V | 69.68 | 44.80 | 37.32 | 24.88 | 17.85 | 15.38 | 6.79 | 6.63 | 4.51 | 2.98 | 2.65 | 1.40 |
| 1.75V | 68.37 | 43.95 | 36.62 | 24.41 | 17.51 | 15.09 | 6.67 | 6.51 | 4.42 | 2.91 | 2.60 | 1.38 |
| 1.80V | 65.74 | 42.26 | 35.20 | 23.48 | 16.85 | 14.52 | 6.41 | 6.25 | 4.25 | 2.81 | 2.51 | 1.33 |

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 | Silicon |

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