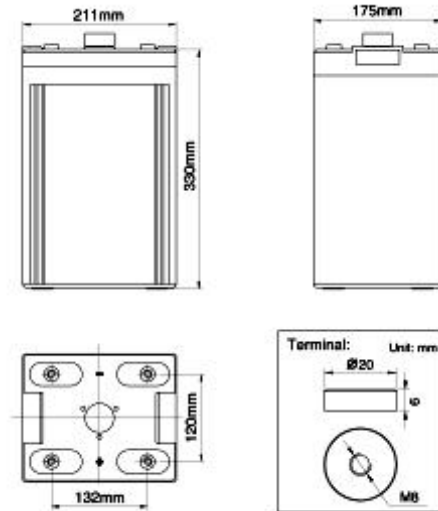


Product Image



Product Dimensions



Characteristics

| | | |
|---|---------------------------|--|
| Nominal Voltage | | 2V |
| Nominal Capacity (10 hour rate) | | 450Ah |
| Capacity 25°C (77°F) | 20 hour rate (21.2A) | 480Ah |
| | 5 hour rate (70.7A) | 353.5Ah |
| | 1 hour rate (220A) | 247.5Ah |
| Internal Resistance | Full Charged Battery 25°C | ≤0.39mΩ |
| Capacity affected by Temperature (10 hour) | 40°C (104°F) | 102% |
| | 25°C (77°F) | 100% |
| | -20°C (-4°F) | 82% |
| | -35°C (-31°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 90A Voltage 2.23-2.27V |
| | Cycle | Initial Charging Current Less than 90A Voltage 2.33-2.37V |

Packaging

| | | |
|-----------------------|-----------------|--------------|
| Battery Dimensions | Length | 223mm |
| | Width | 187mm |
| | Height | 351mm |
| | Total Height | 385mm |
| Box Dimensions | Length | 225mm |
| | Width | 190mm |
| | Height | 425mm |
| Quantity Per Box | | 1 PC per box |
| Net weight Per Cell | | 33.5 kg±200g |
| Net weight Per Box | | 33.5kg |
| Gross Weight | | 34kg |

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

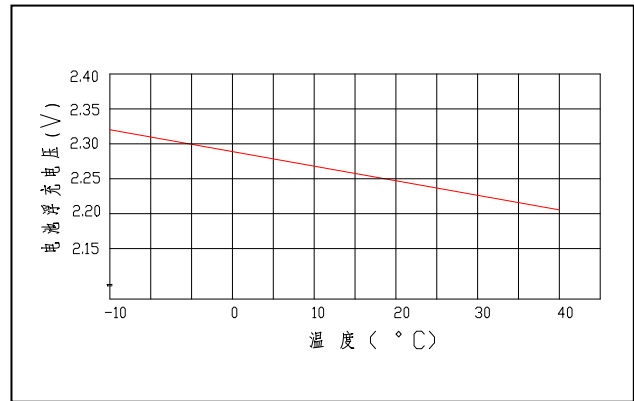
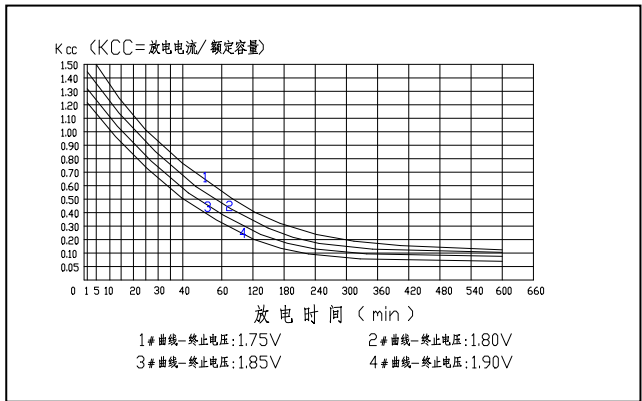
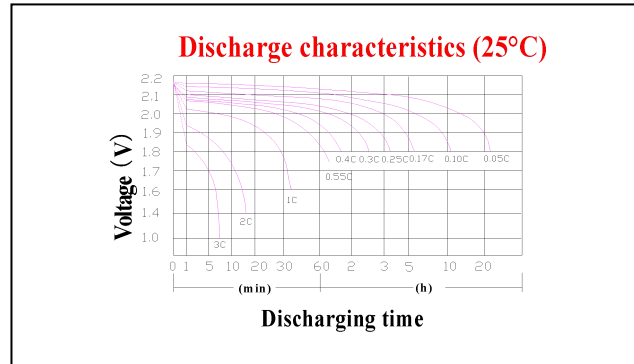
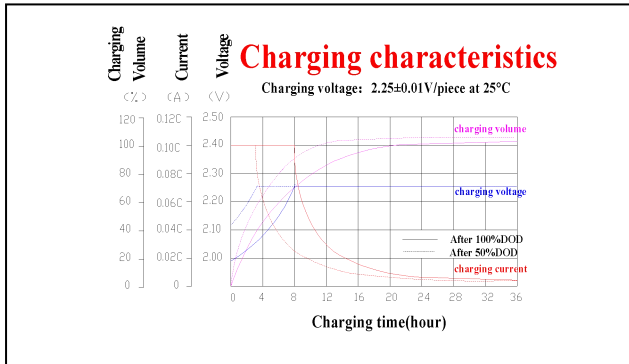
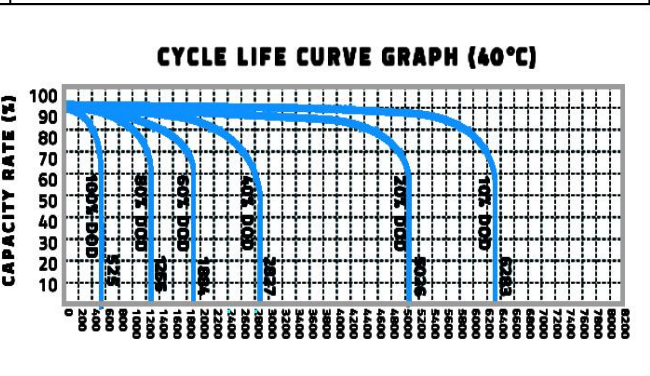
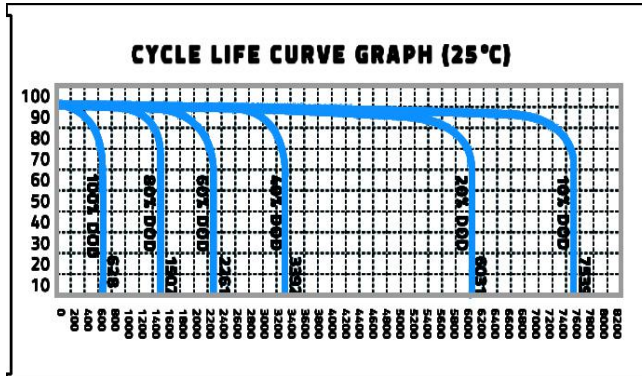
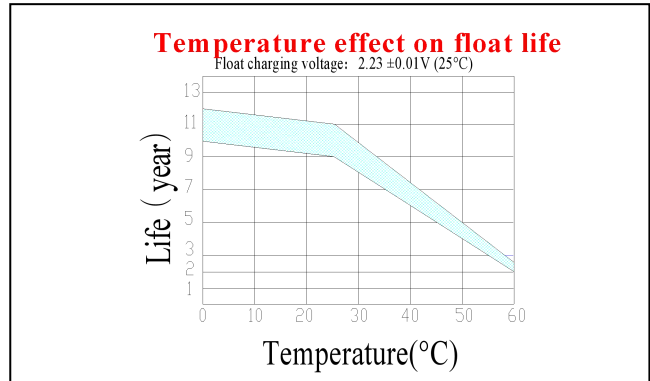
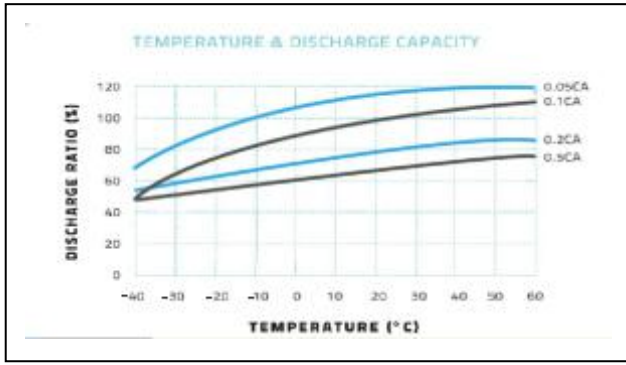
| F.V/Time | 5min | 10min | 15min | 30min | 45min | 1h | 2h | 3h | 5h | 8h | 10h | 20h |
|----------|------|-------|-------|-------|-------|-----|-----|-----|----|----|-----|-----|
| 1.60V | 1301 | 836 | 697 | 464 | 333 | 287 | 127 | 124 | 84 | 55 | 50 | 26 |
| 1.65V | 1277 | 821 | 684 | 456 | 327 | 282 | 124 | 122 | 83 | 54 | 49 | 26 |
| 1.70V | 1253 | 806 | 671 | 447 | 321 | 277 | 122 | 119 | 81 | 54 | 48 | 25 |
| 1.75V | 1229 | 791 | 658 | 439 | 315 | 271 | 120 | 117 | 80 | 52 | 47 | 25 |
| 1.80V | 1182 | 760 | 633 | 422 | 303 | 261 | 115 | 113 | 77 | 50 | 45 | 24 |

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

| F.V/Time | 5min | 10min | 15min | 30min | 45min | 1h | 2h | 3h | 5h | 8h | 10h | 20h |
|----------|------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-----|-----|
| 1.60V | 2503 | 1609 | 1341 | 894 | 641 | 553 | 244 | 238 | 162 | 107 | 95 | 50 |
| 1.65V | 2458 | 1580 | 1316 | 878 | 630 | 543 | 239 | 234 | 159 | 105 | 94 | 50 |
| 1.70V | 2412 | 1551 | 1292 | 861 | 618 | 532 | 235 | 230 | 156 | 103 | 92 | 49 |
| 1.75V | 2367 | 1521 | 1268 | 845 | 606 | 522 | 231 | 225 | 153 | 101 | 90 | 48 |
| 1.80V | 2276 | 1463 | 1219 | 813 | 583 | 503 | 222 | 216 | 147 | 97 | 87 | 46 |

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 | Lead |

Guangdong JiYi General Electric Co., Ltd.

Overseas sales office Tel: +86-020-84869873

Fax: +86-020-34628335

Domestic sales office Tel: 020-34628335

Fax: 020-34628335

E-mail: ge@gerch.cn