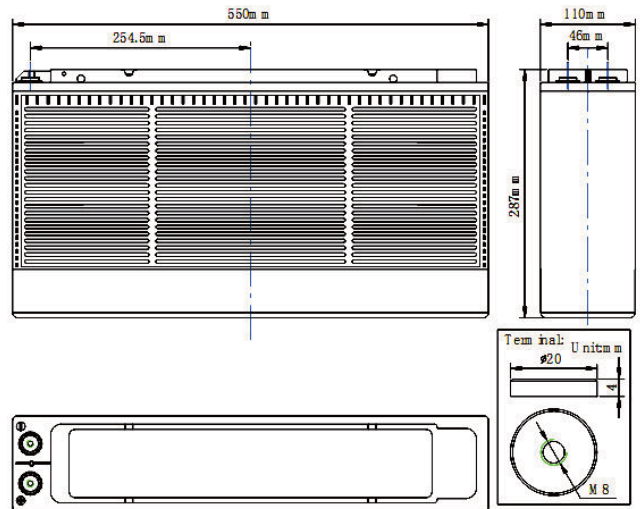


Product Image



Product Dimensions



Characteristics

| | | |
|---|---------------------------|--|
| Nominal Voltage | | 12V |
| Nominal Capacity (20 hour rate) | | 160Ah |
| Capacity 25°C (77°F) | 10 hour rate (15.23A) | 152.3Ah |
| | 5 hour rate (28.5A) | 142.5Ah |
| | 1 hour rate (105.6A) | 105.6Ah |
| Internal Resistance | Full Charged Battery 25°C | ≤2.5mΩ |
| Capacity affected by Temperature (10 hour) | 40°C (104°F) | 102% |
| | 25°C (77°F) | 100% |
| | 0°C (32°F) | 90% |
| | -15°C (5°F) | 70% |
| Self-Discharge 25°C (77°F) Capacity | after 3 month storage | 92% |
| | after 6 month storage | 84% |
| | after 12 month storage | 65% |
| Charge (Constant Voltage) 25°C (77°F) | Float | Initial Charging Current Less than 32A Voltage 13.6-13.8V |
| | Cycle | Initial Charging Current Less than 32A Voltage 14.4-14.9V |

Packaging

| | | |
|-----------------------|-----------------|--------------|
| Battery Dimensions | Length | 551mm |
| | Width | 110mm |
| | Height | 288mm |
| | Total Height | 288mm |
| Box Dimensions | Length | 565mm |
| | Width | 125mm |
| | Height | 347mm |
| Quantity Per Box | | 1 PC per box |
| Net weight Per Cell | | 44.7 kg±400g |
| Net weight Per Box | | 44.7 kg |
| Gross Weight | | 45.2kg |

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

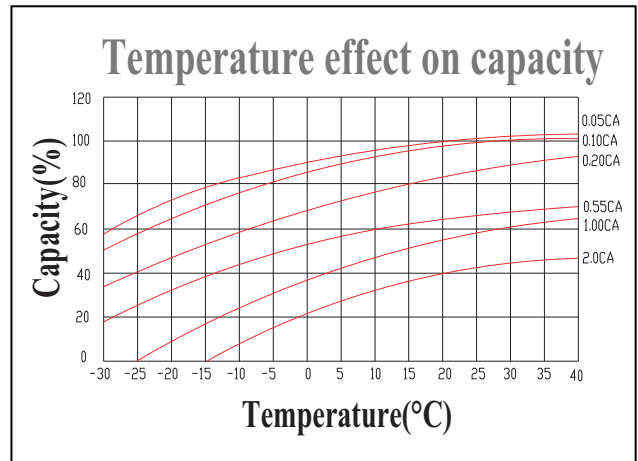
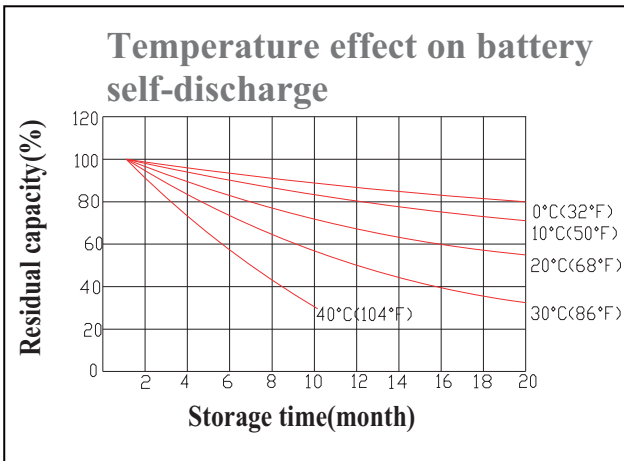
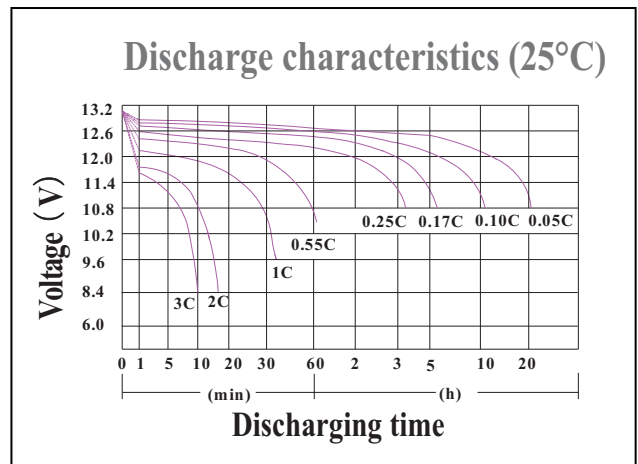
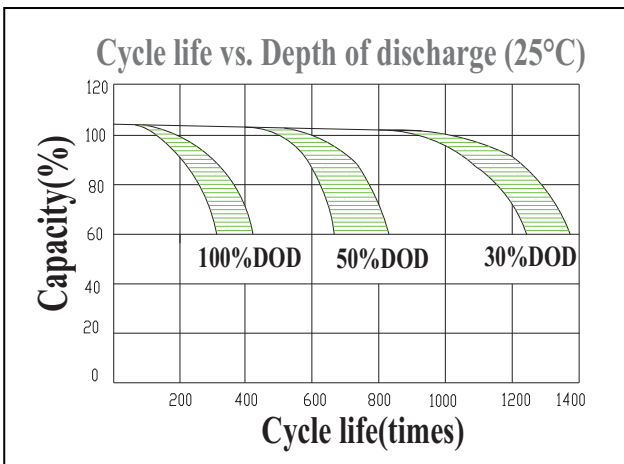
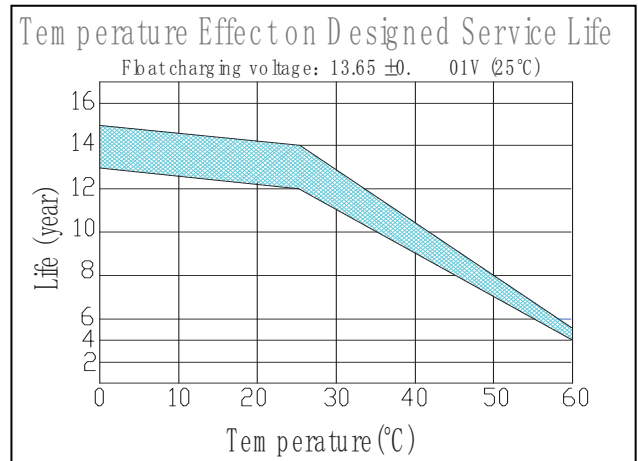
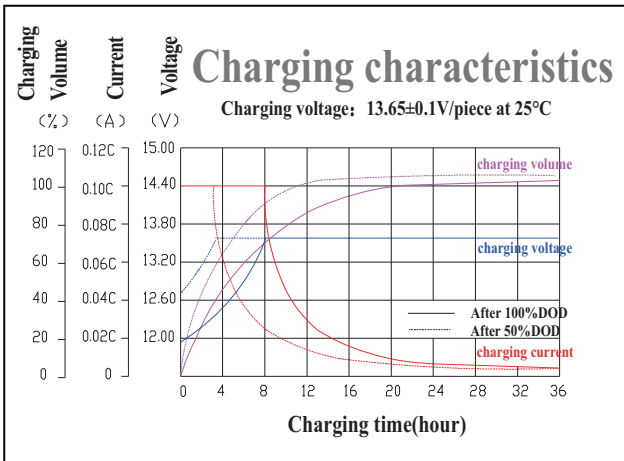
| F.V/Time | 5min | 10min | 15min | 30min | 45min | 1h | 2h | 3h | 5h | 8h | 10h | 20h |
|----------|-------|-------|-------|-------|-------|-------|------|------|------|-------|-------|------|
| 1.60V | 457.6 | 352.0 | 264.9 | 176.0 | 123.2 | 105.6 | 66.0 | 45.2 | 30.2 | 20.27 | 16.75 | 8.80 |
| 1.65V | 449.3 | 345.6 | 260.0 | 172.8 | 121.0 | 103.7 | 64.8 | 44.4 | 29.6 | 19.90 | 16.45 | 8.64 |
| 1.70V | 441.0 | 339.2 | 255.2 | 169.6 | 118.7 | 101.8 | 63.6 | 43.6 | 29.1 | 19.53 | 16.14 | 8.48 |
| 1.75V | 432.6 | 332.8 | 250.4 | 166.4 | 116.5 | 99.8 | 62.4 | 42.8 | 28.5 | 19.16 | 15.84 | 8.32 |
| 1.80V | 416.0 | 320.0 | 240.8 | 160.0 | 112.0 | 96.0 | 60.0 | 41.1 | 27.4 | 18.43 | 15.23 | 8.00 |

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 | 880.9 | 677.6 | 509.8 | 338.8 | 237.2 | 203.3 | 127.1 | 87.1 | 58.0 | 39.0 | 32.2 | 16.9 |
| 1.65V | 864.9 | 665.3 | 500.6 | 332.6 | 232.8 | 199.6 | 124.7 | 85.5 | 57.0 | 38.3 | 31.7 | 16.6 |
| 1.70V | 848.8 | 653.0 | 491.3 | 326.5 | 228.5 | 195.9 | 122.4 | 83.9 | 55.9 | 37.6 | 31.1 | 16.3 |
| 1.75V | 832.8 | 640.6 | 482.0 | 320.3 | 224.2 | 192.2 | 120.1 | 82.3 | 54.9 | 36.9 | 30.5 | 16.0 |
| 1.80V | 800.8 | 616.0 | 463.5 | 308.0 | 215.6 | 184.8 | 115.5 | 79.2 | 52.8 | 35.5 | 29.3 | 15.4 |

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 **CBB** 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 | GEL |

CBB Battery Technology Co.,Ltd.

RM205, Yushan Business Bldg, 108 Dabei Road,
 Panyu, Guangzhou 511365, Guangdong Province, China
 TEL: 0086-20-84888946 FAX: 0086-20-62824569