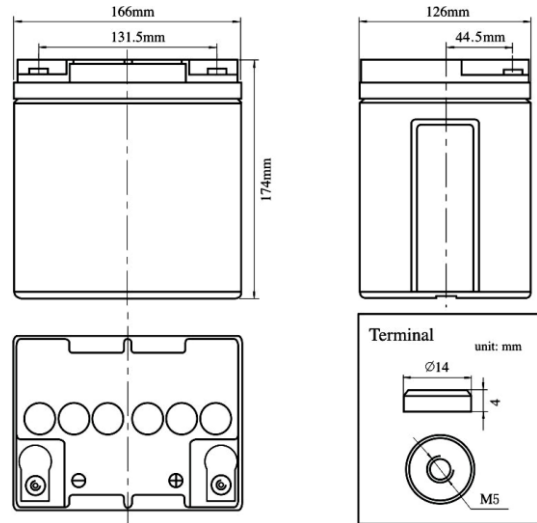


Product Image



Product Dimensions



Characteristics

| | | |
|--|---------------------------|---|
| Nominal Voltage | | 12V |
| Nominal Capacity (20 hour rate) | | 26Ah |
| Capacity 25°C (77 °F) | 20 hour rate (1.44A) | 28.9Ah |
| | 5 hour rate (4.76A) | 23.8Ah |
| | 1 hour rate (17.3A) | 17.3Ah |
| Internal Resistance | Full Charged Battery 25°C | ≤10mΩ |
| 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 5.6A Voltage 13.6-13.8V |
| | Cycle | Initial Charging Current Less than 5.6A Voltage 14.4-14.9V |

Packaging

| | | |
|-----------------------|-----------------|---------------|
| Battery Dimensions | Length | 165mm |
| | Width | 126mm |
| | Height | 174mm |
| | Total Height | 174mm |
| Box Dimensions | Length | 184mm |
| | Width | 141mm |
| | Height | 220mm |
| Quantity Per Box | | 1 PCs per box |
| Net weight Per Cell | | 9.0 kg ±3% |
| Net weight Per Box | | 9.0kg |
| Gross Weight | | 9.2kg |

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

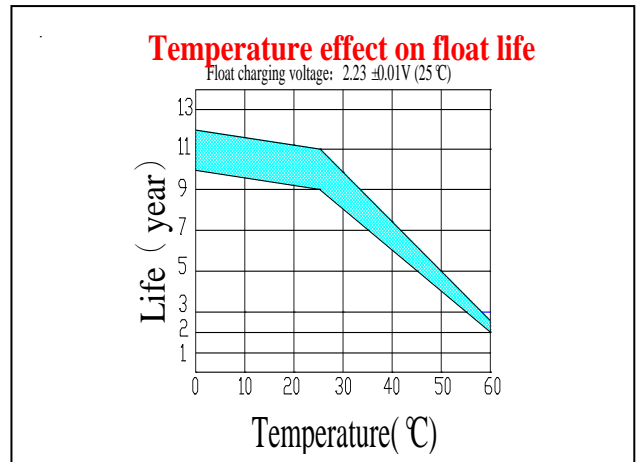
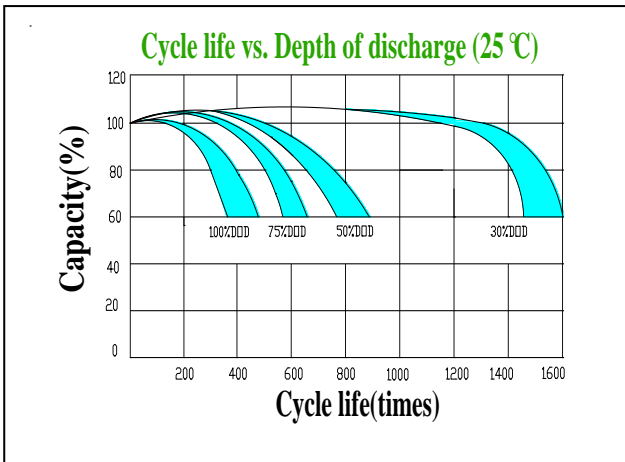
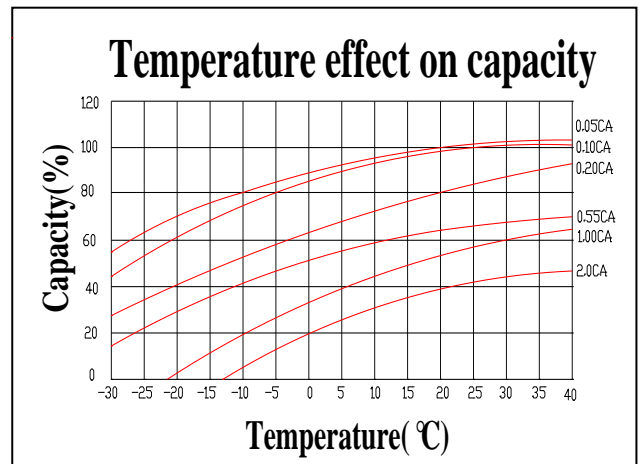
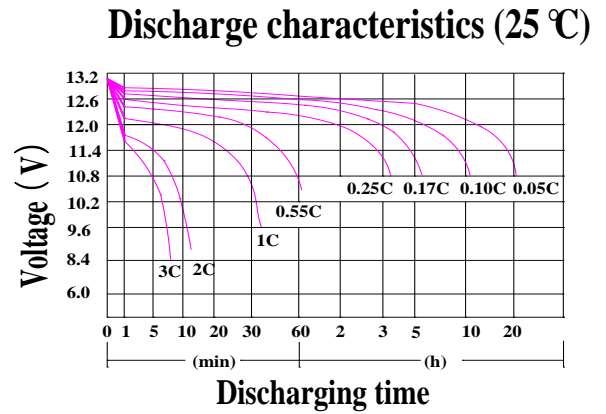
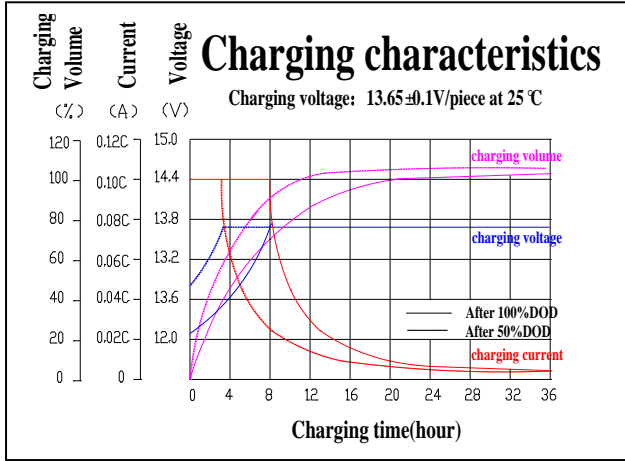
| F.V/Time | 15min | 30min | 45min | 1h | 2h | 3h | 5h | 8h | 10h | 20h | 24h | 100h |
|----------|-------|-------|-------|------|-----|-----|-----|-----|-----|------|-----|------|
| 1.60V | 33.5 | 21.3 | 15.7 | 14.4 | 9.2 | 6.4 | 4.4 | 2.9 | 2.6 | 1.4 | 1.4 | 0.31 |
| 1.65V | 32.9 | 20.9 | 15.4 | 14.2 | 9.0 | 6.3 | 4.3 | 2.8 | 2.5 | 1.38 | 1.4 | 0.31 |
| 1.70V | 32.2 | 20.5 | 15.2 | 13.9 | 8.8 | 6.2 | 4.2 | 2.8 | 2.5 | 1.35 | 1.4 | 0.30 |
| 1.75V | 31.6 | 20.1 | 14.9 | 13.7 | 8.7 | 6.1 | 4.1 | 2.7 | 2.4 | 1.33 | 1.3 | 0.29 |
| 1.80V | 30.4 | 19.4 | 14.3 | 13.1 | 8.3 | 5.9 | 4.0 | 2.6 | 2.3 | 1.3 | 1.3 | 0.29 |

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

| F.V/Time | 15min | 30min | 45min | 1h | 2h | 3h | 5h | 8h | 10h | 20h | 24h | 100h |
|----------|-------|-------|-------|------|------|------|-----|-----|-----|-----|-----|------|
| 1.60V | 64.4 | 41.0 | 30.3 | 27.8 | 17.6 | 12.4 | 8.4 | 5.6 | 5.0 | 2.7 | 2.7 | 0.60 |
| 1.65V | 63.2 | 40.3 | 29.7 | 27.3 | 17.3 | 12.2 | 8.3 | 5.5 | 4.9 | 2.7 | 2.6 | 0.59 |
| 1.70V | 62.1 | 39.5 | 29.2 | 26.8 | 17.0 | 11.9 | 8.1 | 5.4 | 4.8 | 2.6 | 2.6 | 0.58 |
| 1.75V | 60.9 | 38.8 | 28.6 | 26.3 | 16.7 | 11.7 | 8.0 | 5.3 | 4.7 | 2.6 | 2.6 | 0.57 |
| 1.80V | 58.6 | 37.3 | 27.5 | 25.3 | 16.0 | 11.3 | 7.7 | 5.1 | 4.5 | 2.5 | 2.5 | 0.56 |

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 | Lead | Fiberglass | Colloid(GEL) |