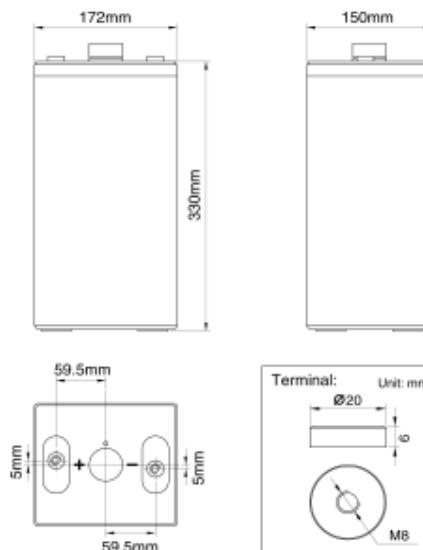


Product Image



Product Dimensions



Characteristics

| | | |
|--|---------------------------|--|
| Nominal Voltage | | 2V |
| Nominal Capacity (10 hour rate) | | 236Ah |
| Capacity 25°C (77 °F) | 20 hour rate (12.5A) | 250Ah |
| | 5 hour rate (41.7A) | 208Ah |
| | 1 hour rate (129.8A) | 129.8Ah |
| Internal Resistance | Full Charged Battery 25°C | ≤0.5mΩ |
| 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 30A Voltage 2.23-2.27V |
| | Cycle | Initial Charging Current Less than 30A Voltage 2.33-2.37V |

Packaging

| | | |
|-----------------------|-----------------|--------------|
| Battery Dimensions | Length | 172mm |
| | Width | 150mm |
| | Height | 330mm |
| | Total Height | 365mm |
| Box Dimensions | Length | 186mm |
| | Width | 124mm |
| | Height | 422mm |
| Quantity Per Box | | 1 PC per box |
| Net weight Per Cell | | 14 kg ±200g |
| Net weight Per Box | | 14kg |
| Gross Weight | | 14.8kg |

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

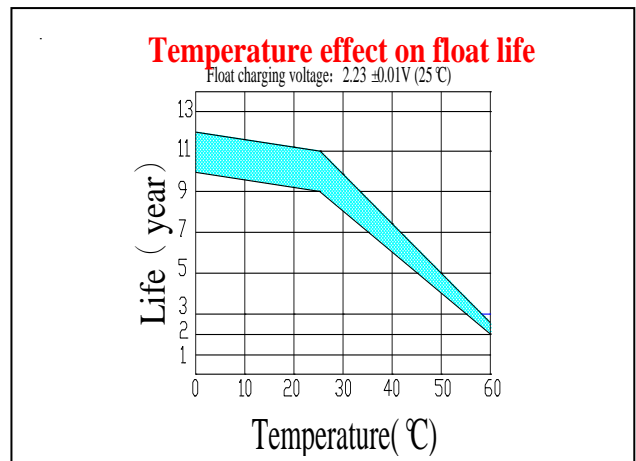
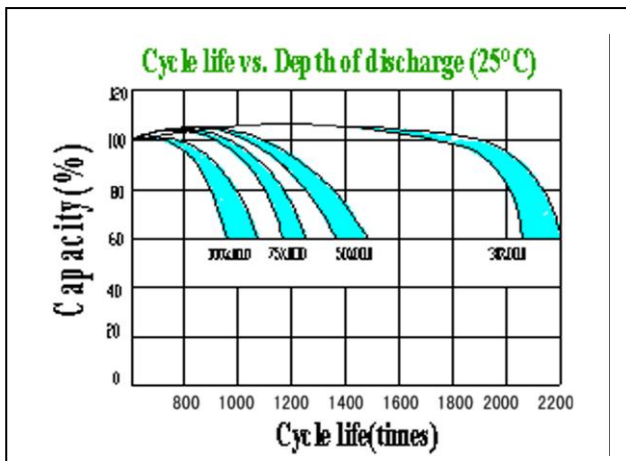
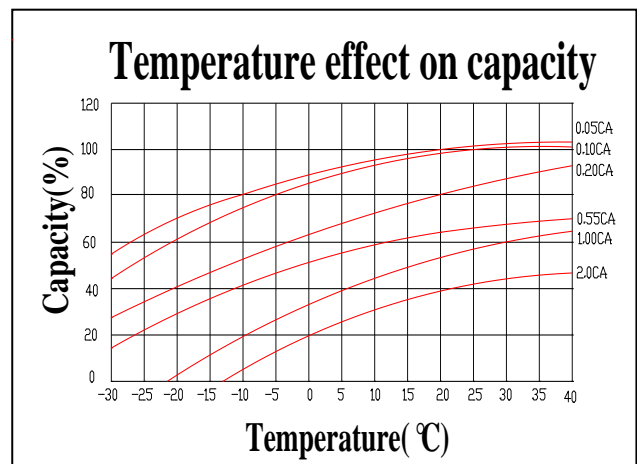
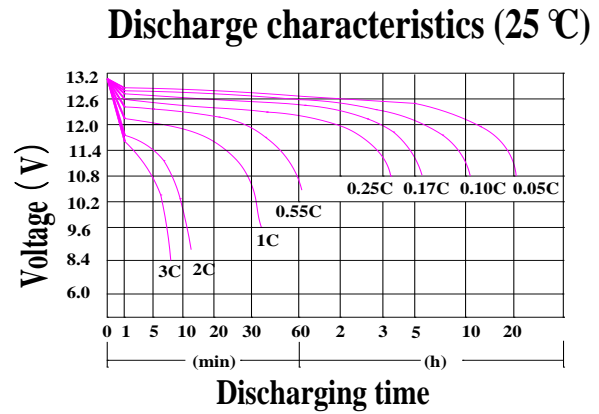
| F.V/Time | 5min | 10min | 15min | 30min | 45min | 1h | 2h | 3h | 5h | 8h | 10h | 20h |
|----------|------|-------|-------|-------|-------|-----|----|----|----|----|------|------|
| 1.60V | 699 | 451 | 374 | 248 | 184 | 151 | 96 | 69 | 47 | 31 | 27.5 | 14.6 |
| 1.65V | 686 | 443 | 367 | 243 | 181 | 149 | 95 | 68 | 46 | 30 | 27.0 | 14.3 |
| 1.70V | 673 | 435 | 360 | 239 | 178 | 146 | 93 | 66 | 45 | 30 | 26.5 | 14.0 |
| 1.75V | 660 | 426 | 354 | 234 | 174 | 143 | 91 | 65 | 44 | 29 | 26.0 | 13.8 |
| 1.80V | 635 | 410 | 340 | 225 | 168 | 138 | 88 | 63 | 43 | 28 | 25.0 | 13.3 |

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 | 1345 | 868 | 720 | 476 | 355 | 291 | 185 | 132 | 90 | 59 | 52.9 | 28.1 |
| 1.65V | 1320 | 852 | 707 | 468 | 348 | 286 | 182 | 130 | 88 | 58 | 52.0 | 27.5 |
| 1.70V | 1296 | 837 | 694 | 459 | 342 | 281 | 179 | 128 | 87 | 57 | 51.0 | 27.0 |
| 1.75V | 1271 | 821 | 681 | 450 | 335 | 275 | 175 | 125 | 85 | 56 | 50.1 | 26.5 |
| 1.80V | 1222 | 789 | 655 | 433 | 322 | 265 | 168 | 120 | 82 | 54 | 48.1 | 25.5 |

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) |

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