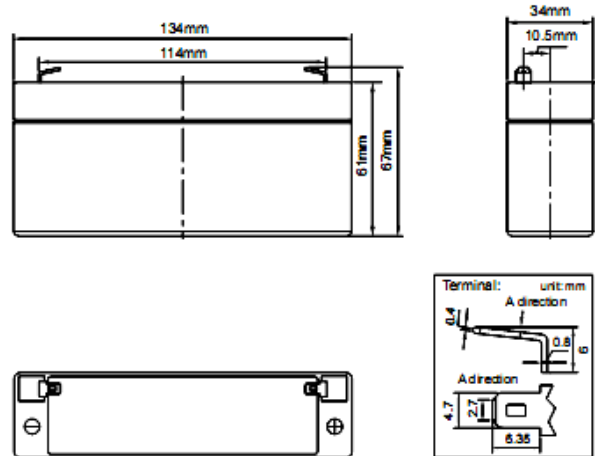


Product Image



Product Dimensions



Characteristics

| | | |
|--|---------------------------|--|
| Nominal Voltage | | 6V |
| Nominal Capacity (20 hour rate) | | 2.8Ah |
| Capacity 25°C (77 °F) | 10 hour rate (0.26A) | 2.6Ah |
| | 5 hour rate (0.49A) | 2.5Ah |
| | 1 hour rate (1.85A) | 1.85Ah |
| Internal Resistance | Full Charged Battery 25°C | ≤18mΩ |
| 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 1.0A Voltage 6.8-6.9V |
| | Cycle | Initial Charging Current Less than 1.0A Voltage 7.2-7.45V |

Packaging

| | | |
|-----------------------|-----------------|----------------|
| Battery Dimensions | Length | 134mm |
| | Width | 34mm |
| | Height | 61mm |
| | Total Height | 67mm |
| Box Dimensions | Length | 409mm |
| | Width | 148mm |
| | Height | 188mm |
| Quantity Per Box | | 20 pcs per box |
| Net weight Per Cell | | 0.59kg ±50g |
| Net weight Per Box | | 11.8kg |
| Gross Weight | | 12.2kg |

Discharge Constant Current per Cell (Amperes at 77°F25°C)

| F.V/Time | 5min | 10min | 15min | 30min | 45min | 1h | 2h | 3h | 5h | 8h | 10h | 20h |
|----------|-------|-------|-------|-------|-------|------|------|------|------|------|------|-------|
| 1.60V | 10.89 | 7.26 | 5.46 | 3.63 | 2.54 | 2.18 | 1.36 | 0.93 | 0.62 | 0.42 | 0.35 | 0.18 |
| 1.65V | 10.69 | 7.13 | 5.36 | 3.56 | 2.49 | 2.14 | 1.34 | 0.92 | 0.61 | 0.41 | 0.34 | 0.18 |
| 1.70V | 10.49 | 7.00 | 5.26 | 3.50 | 2.45 | 2.10 | 1.31 | 0.90 | 0.60 | 0.40 | 0.33 | 0.17 |
| 1.75V | 10.30 | 6.86 | 5.16 | 3.43 | 2.40 | 2.06 | 1.29 | 0.88 | 0.59 | 0.40 | 0.33 | 0.17 |
| 1.80V | 9.90 | 6.60 | 4.97 | 3.30 | 2.31 | 1.98 | 1.24 | 0.85 | 0.57 | 0.38 | 0.31 | 0.165 |

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 | 20.96 | 13.98 | 10.52 | 6.99 | 4.89 | 4.19 | 2.62 | 1.80 | 1.20 | 0.80 | 0.67 | 0.35 |
| 1.65V | 20.58 | 13.72 | 10.32 | 6.86 | 4.80 | 4.12 | 2.57 | 1.76 | 1.18 | 0.79 | 0.65 | 0.34 |
| 1.70V | 20.20 | 13.47 | 10.13 | 6.73 | 4.71 | 4.04 | 2.53 | 1.73 | 1.15 | 0.78 | 0.64 | 0.34 |
| 1.75V | 19.82 | 13.21 | 9.94 | 6.61 | 4.62 | 3.96 | 2.48 | 1.70 | 1.13 | 0.76 | 0.63 | 0.33 |
| 1.80V | 19.06 | 12.71 | 9.56 | 6.35 | 4.45 | 3.81 | 2.38 | 1.63 | 1.09 | 0.73 | 0.60 | 0.32 |

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 **MCA** 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 | Nano |