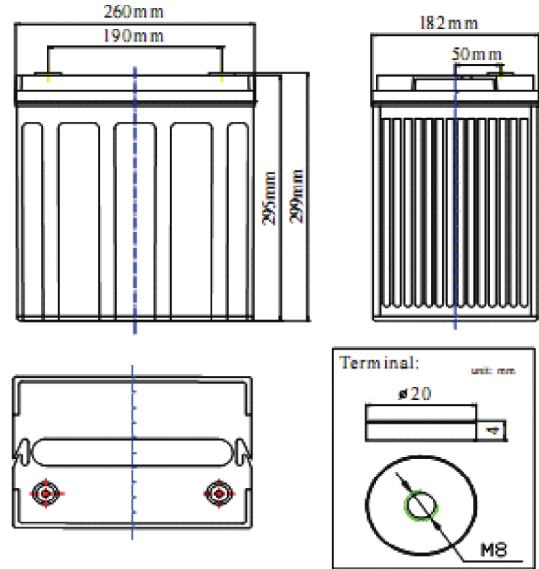


Product Image



Product Dimensions



Characteristics

| | | |
|---|---------------------------|---|
| Nominal Voltage | | 8V |
| Nominal Capacity (20 hour rate) | | 200Ah |
| Capacity 25°C (77°F) | 10 hour rate (18.0A) | 180Ah |
| | 5 hour rate (31.8A) | 159Ah |
| | 1 hour rate (110.9A) | 110.9Ah |
| Internal Resistance | Full Charged Battery 25°C | ≤3.0m Ω |
| 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 40A Voltage 9.07-9.2V |
| | Cycle | Initial Charging Current Less than 40A Voltage 9.6-9.94V |

Packaging

| | | |
|-----------------------|--------------|--------------|
| Battery Dimensions | Length | 260mm |
| | Width | 182mm |
| | Height | 295mm |
| | Total Height | 301mm |
| Box Dimensions | Length | 275mm |
| | Width | 197mm |
| | Height | 355mm |
| Quantity Per Box | | 1 PC per box |
| Net weight Per Cell | | 39.0 kg±400g |
| Net weight Per Box | | 39.0kg |
| Gross Weight | | 39.5kg |

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

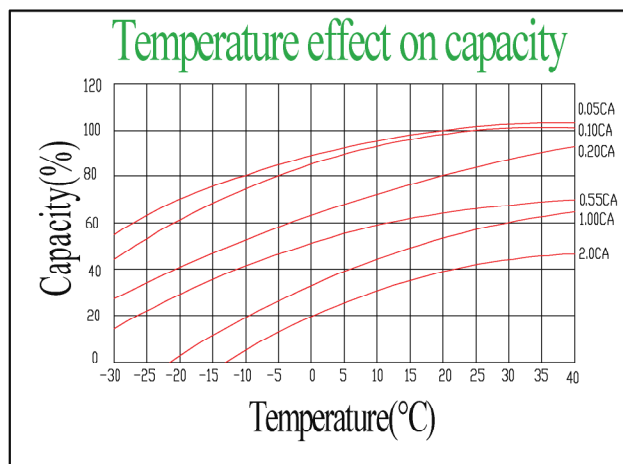
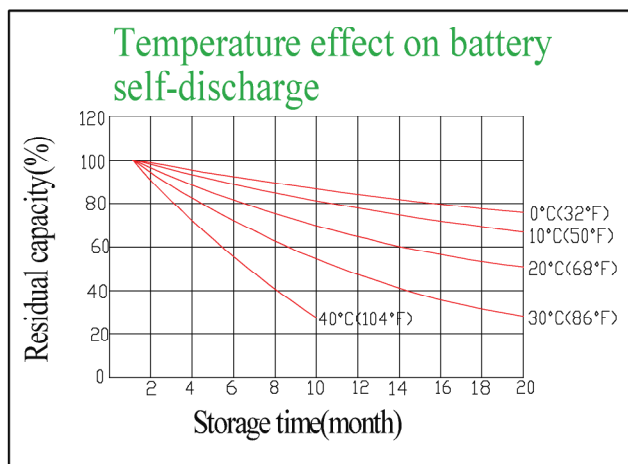
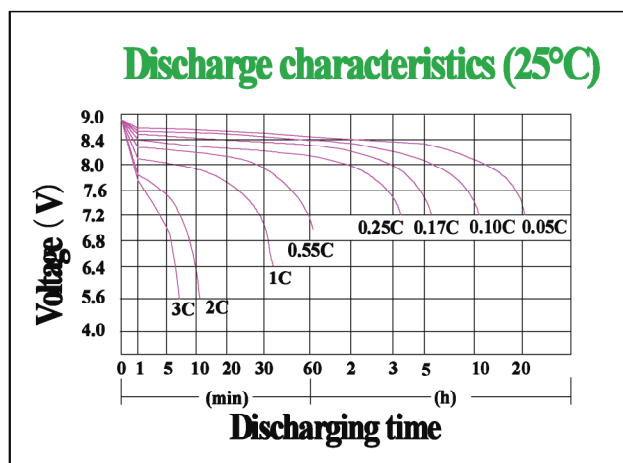
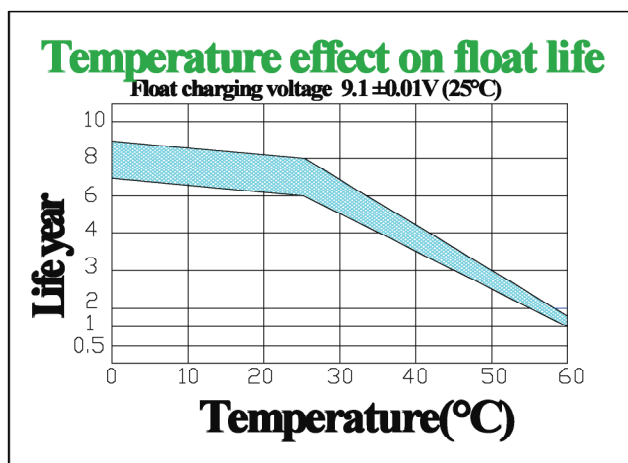
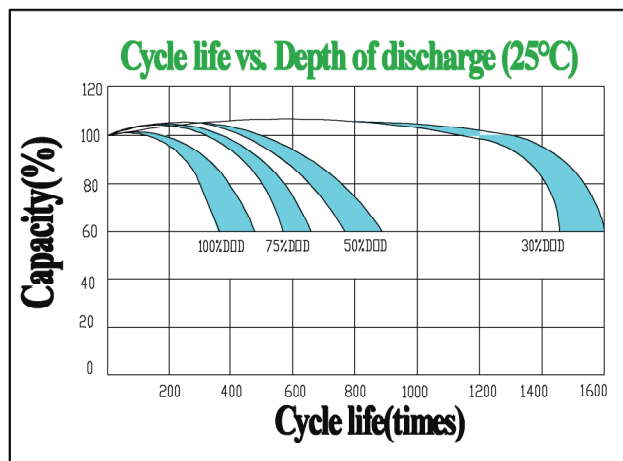
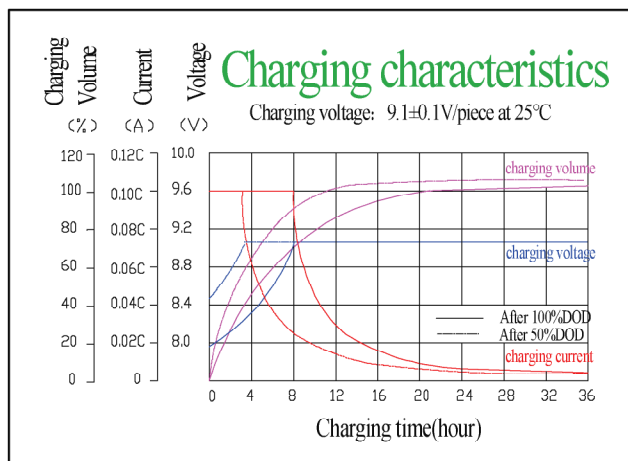
| F.V/Time | 5min | 10min | 15min | 30min | 45min | 1h | 2h | 3h | 5h | 8h | 10h | 20h |
|----------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|-------|
| 1.60V | 475.2 | 302.9 | 257.4 | 164.3 | 120.8 | 110.9 | 70.5 | 49.5 | 33.7 | 22.2 | 19.8 | 11 |
| 1.65V | 466.6 | 297.4 | 252.7 | 161.4 | 118.6 | 108.9 | 69.2 | 48.6 | 33.0 | 21.8 | 19.4 | 10.8 |
| 1.70V | 457.9 | 291.9 | 248.0 | 158.4 | 116.4 | 106.8 | 67.9 | 47.7 | 32.4 | 21.4 | 19.1 | 10.6 |
| 1.75V | 449.3 | 286.4 | 243.4 | 155.4 | 114.2 | 104.8 | 66.6 | 46.8 | 31.8 | 21.0 | 18.7 | 10.4 |
| 1.80V | 432.0 | 275.4 | 234.0 | 149.4 | 109.8 | 100.8 | 64.1 | 45.0 | 30.6 | 20.2 | 18.0 | 10.00 |

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 | 914.8 | 583.2 | 495.5 | 316.4 | 232.5 | 213.4 | 135.7 | 95.3 | 64.8 | 42.7 | 38.1 | 21.2 |
| 1.65V | 898.1 | 572.6 | 486.5 | 310.6 | 228.3 | 209.6 | 133.2 | 93.6 | 63.6 | 41.9 | 37.4 | 20.8 |
| 1.70V | 881.5 | 562.0 | 477.5 | 304.9 | 224.0 | 205.7 | 130.8 | 91.8 | 62.4 | 41.1 | 36.7 | 20.4 |
| 1.75V | 864.9 | 551.4 | 468.5 | 299.1 | 219.8 | 201.8 | 128.3 | 90.1 | 61.3 | 40.4 | 36.0 | 20.0 |
| 1.80V | 831.6 | 530.1 | 450.5 | 287.6 | 211.4 | 194.0 | 123.4 | 86.6 | 58.9 | 38.8 | 34.7 | 19.2 |

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 Logan Distributors 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 | Sulfuric acid |

Logan Distributors

Ph. 0450 317 177

e-mail: trevor@logandistributors.com.au