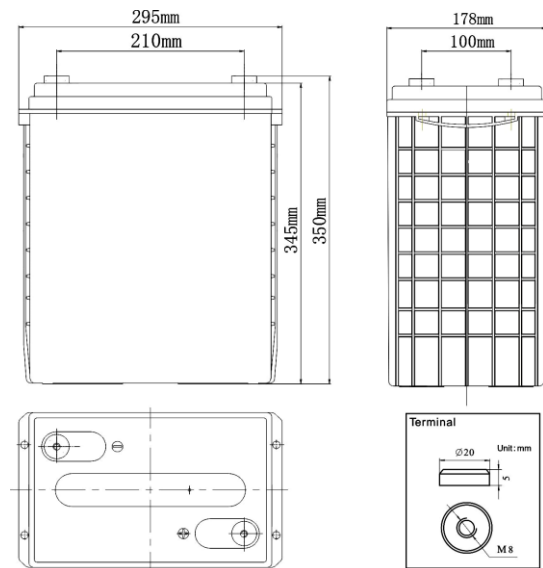


Product Image



Product Dimensions



Characteristics

| | | |
|--|---------------------------|---|
| Nominal Voltage | | 6V |
| Nominal Capacity (20 hour rate) | | 310Ah |
| Capacity 25°C (77 °F) | 10 hour rate (17.21A) | 344.1Ah |
| | 5 hour rate (56.73A) | 283.7Ah |
| | 1 hour rate (206.2A) | 206.2Ah |
| Internal Resistance | Full Charged Battery 25°C | ≤1.8mΩ |
| 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 62A Voltage 6.8-6.9V |
| | Cycle | Initial Charging Current Less than 62A Voltage 7.2-7.45V |

Packaging

| | | |
|-----------------------|-----------------|--------------|
| Battery Dimensions | Length | 295mm |
| | Width | 178mm |
| | Height | 345mm |
| | Total Height | 350mm |
| Box Dimensions | Length | 410mm |
| | Width | 194mm |
| | Height | 410mm |
| Quantity Per Box | | 1 PC per box |
| Net weight Per Cell | | 47.0 kg±500g |
| Net weight Per Box | | 47.0kg |
| Gross Weight | | 47.7kg |

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

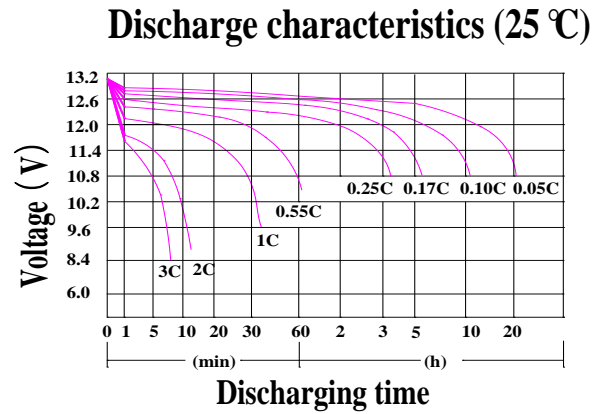
| F.V/Time | 5min | 10min | 15min | 30min | 45min | 1h | 2h | 3h | 5h | 8h | 10h | 20h |
|----------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|
| 1.60V | 736.6 | 469.6 | 399.0 | 254.7 | 187.2 | 171.9 | 109.3 | 76.7 | 52.2 | 34.4 | 30.7 | 17 |
| 1.65V | 723.2 | 461.0 | 391.7 | 250.1 | 183.8 | 168.7 | 107.3 | 75.3 | 51.2 | 33.7 | 30.1 | 16.7 |
| 1.70V | 709.8 | 452.5 | 384.5 | 245.5 | 180.4 | 165.6 | 105.3 | 73.9 | 50.3 | 33.1 | 29.6 | 16.4 |
| 1.75V | 696.4 | 443.9 | 377.2 | 240.8 | 177.0 | 162.5 | 103.3 | 72.5 | 49.3 | 32.5 | 29.0 | 16.1 |
| 1.80V | 669.6 | 426.9 | 362.7 | 231.6 | 170.2 | 156.2 | 99.3 | 69.8 | 47.4 | 31.2 | 27.9 | 15.5 |

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 | 1417.9 | 903.9 | 768.0 | 490.3 | 360.4 | 330.8 | 210.3 | 147.7 | 100.4 | 66.2 | 59.1 | 32.8 |
| 1.65V | 1392.1 | 887.5 | 754.1 | 481.4 | 353.8 | 324.8 | 206.5 | 145.0 | 98.6 | 65.0 | 58.0 | 32.2 |
| 1.70V | 1366.3 | 871.0 | 740.1 | 472.5 | 347.3 | 318.8 | 202.7 | 142.3 | 96.8 | 63.8 | 56.9 | 31.6 |
| 1.75V | 1340.5 | 854.6 | 726.1 | 463.6 | 340.7 | 312.8 | 198.8 | 139.6 | 95.0 | 62.6 | 55.9 | 31.0 |
| 1.80V | 1289.0 | 821.7 | 698.2 | 445.8 | 327.6 | 300.8 | 191.2 | 134.3 | 91.3 | 60.2 | 53.7 | 29.8 |

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 | Sulfuric acid |