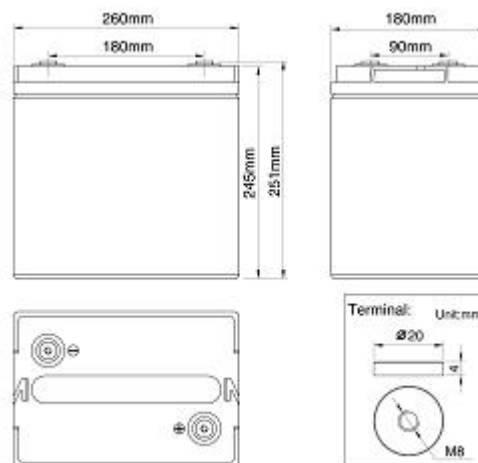


### Product Image



### Product Dimensions



### Characteristics

|                                                   |                           |                                                               |
|---------------------------------------------------|---------------------------|---------------------------------------------------------------|
| Nominal Voltage                                   |                           | 6V                                                            |
| Nominal Capacity (10 hour rate)                   |                           | 230Ah                                                         |
| Capacity<br>25°C (77°F)                           | 20 hour rate (12.77A)     | 255.3Ah                                                       |
|                                                   | 5 hour rate (42.1A)       | 210.5Ah                                                       |
|                                                   | 1 hour rate (153A)        | 153Ah                                                         |
| Internal Resistance                               | Full Charged Battery 25°C | ≤0.4mΩ                                                        |
| Capacity affected by<br>Temperature<br>(10 hour)  | 40°C (104°F)              | 102%                                                          |
|                                                   | 25°C (77°F)               | 100%                                                          |
|                                                   | -20°C (-4°F)              | 82%                                                           |
|                                                   | -35°C (-31°F)             | 65%                                                           |
| Self-Discharge<br>25°C (77°F)<br>Capacity         | after 3 month storage     | 90%                                                           |
|                                                   | after 6 month storage     | 80%                                                           |
|                                                   | after 12 month storage    | 62%                                                           |
| Charge<br>(Constant<br>Voltage)<br>25°C<br>(77°F) | Float                     | Initial Charging Current Less than 57.5A<br>Voltage 6.8-6.9V  |
|                                                   | Cycle                     | Initial Charging Current Less than 57.5A<br>Voltage 7.2-7.45V |

### Packaging

|                       |              |              |
|-----------------------|--------------|--------------|
| Battery<br>Dimensions | Length       | 260mm        |
|                       | Width        | 180mm        |
|                       | Height       | 245mm        |
|                       | Total Height | 251mm        |
| Box<br>Dimensions     | Length       | 186mm        |
|                       | Width        | 124mm        |
|                       | Height       | 422mm        |
| Quantity Per Box      |              | 1 PC per box |
| Net weight Per Cell   |              | 31.5 kg±200g |
| Net weight Per Box    |              | 31.5kg       |
| Gross Weight          |              | 31.8kg       |

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

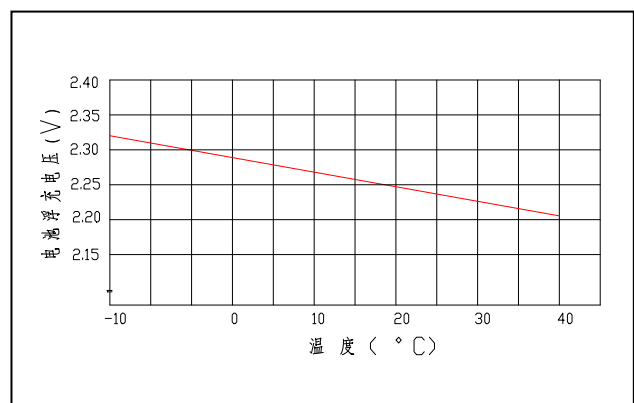
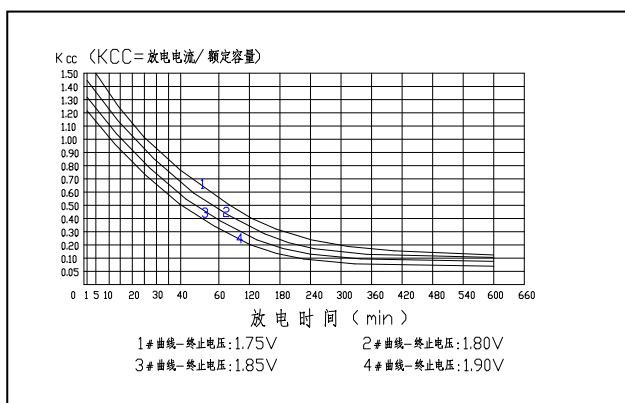
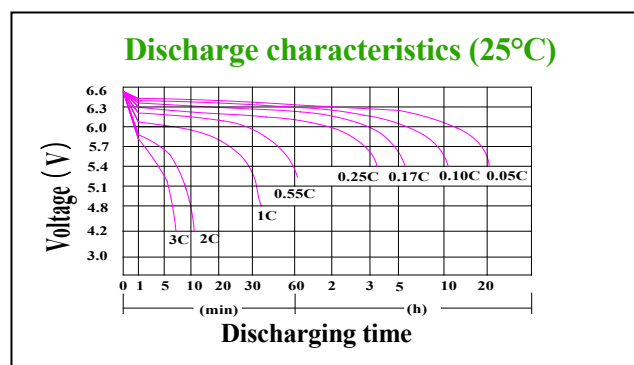
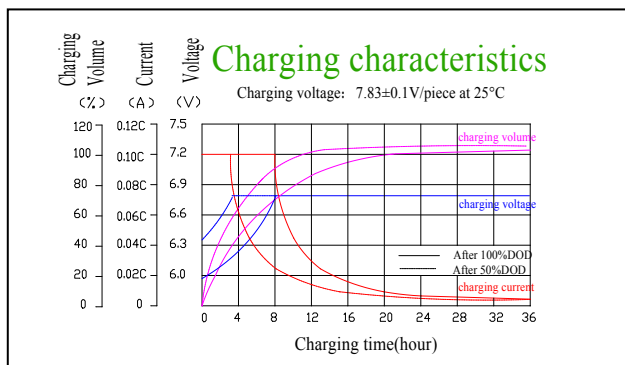
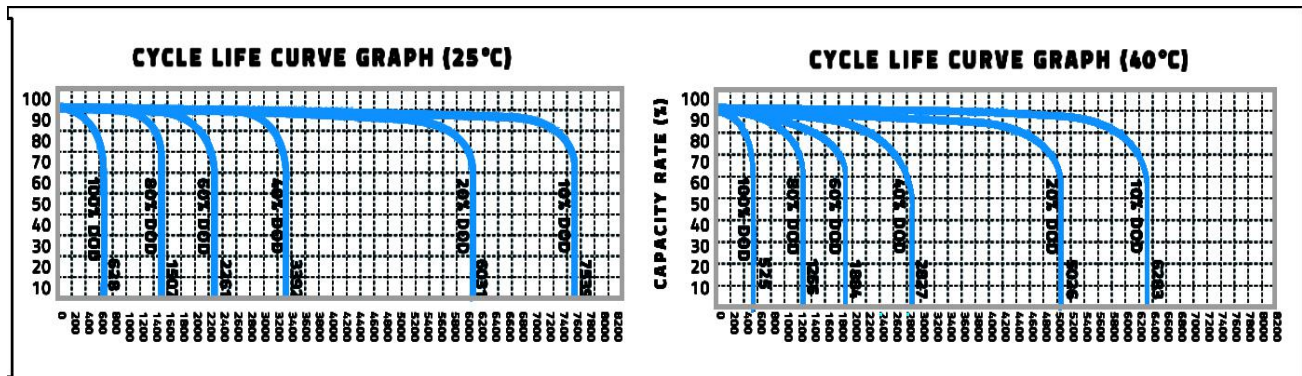
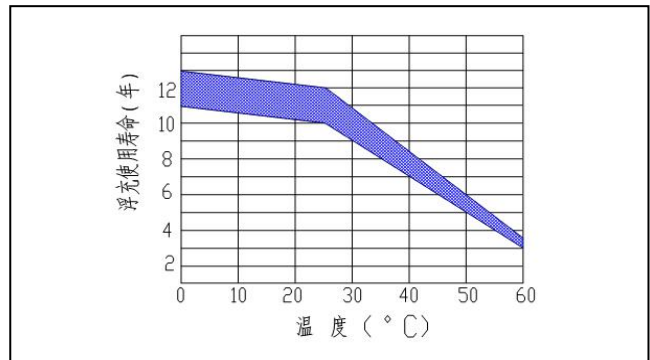
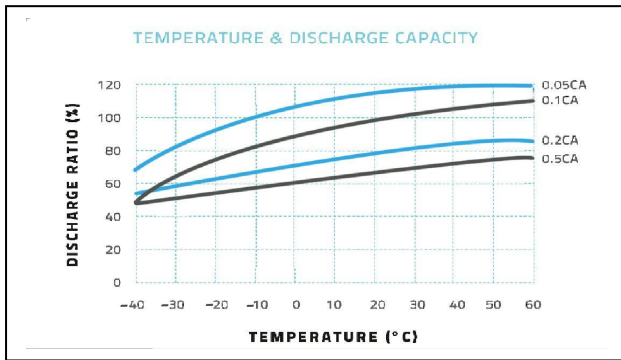
| F.V/Time | 5min  | 10min | 15min | 30min | 45min | 1h    | 2h   | 3h   | 5h   | 8h   | 10h  | 20h  |
|----------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|
| 1.60V    | 773.4 | 515.2 | 388.3 | 241.6 | 173.4 | 153.0 | 93.3 | 68.1 | 43.8 | 26.7 | 23.9 | 13.3 |
| 1.65V    | 713.0 | 475.0 | 372.2 | 235.2 | 168.8 | 148.9 | 91.6 | 67.0 | 43.3 | 26.6 | 23.7 | 13.2 |
| 1.70V    | 725.1 | 483.0 | 355.9 | 228.7 | 164.0 | 144.8 | 89.8 | 65.7 | 42.7 | 26.3 | 23.5 | 13.0 |
| 1.75V    | 640.4 | 426.7 | 339.8 | 222.2 | 159.4 | 140.7 | 87.7 | 64.1 | 42.0 | 26.0 | 23.2 | 12.9 |
| 1.80V    | 604.2 | 402.5 | 323.6 | 215.8 | 154.8 | 136.6 | 85.5 | 62.5 | 41.4 | 25.7 | 23.0 | 12.8 |

### 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    | 1442.4 | 960.8 | 724.2 | 450.7 | 323.3 | 285.3 | 173.9 | 127.2 | 81.8 | 50.0 | 44.6 | 24.7 |
| 1.65V    | 1329.7 | 885.8 | 694.0 | 438.6 | 314.7 | 277.7 | 170.8 | 124.8 | 80.6 | 49.5 | 44.1 | 24.6 |
| 1.70V    | 1352.3 | 900.7 | 663.8 | 426.5 | 306.0 | 270.1 | 167.6 | 122.5 | 79.5 | 49.0 | 43.7 | 24.3 |
| 1.75V    | 1194.4 | 795.7 | 633.7 | 414.4 | 297.3 | 262.5 | 163.6 | 119.6 | 78.3 | 48.6 | 43.3 | 24.0 |
| 1.80V    | 1126.9 | 750.7 | 603.5 | 402.4 | 288.7 | 254.7 | 159.6 | 116.7 | 77.2 | 48.0 | 42.8 | 23.9 |

**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    | Copper   | Fiberglass | Lead        |

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