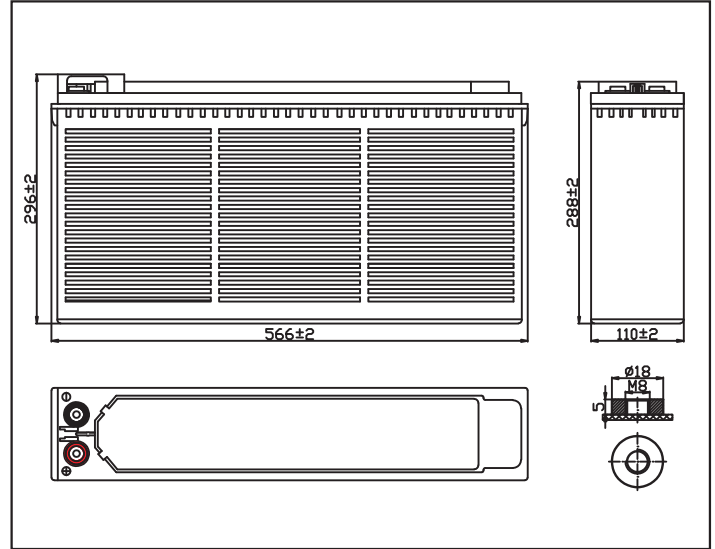




Plane Chart:

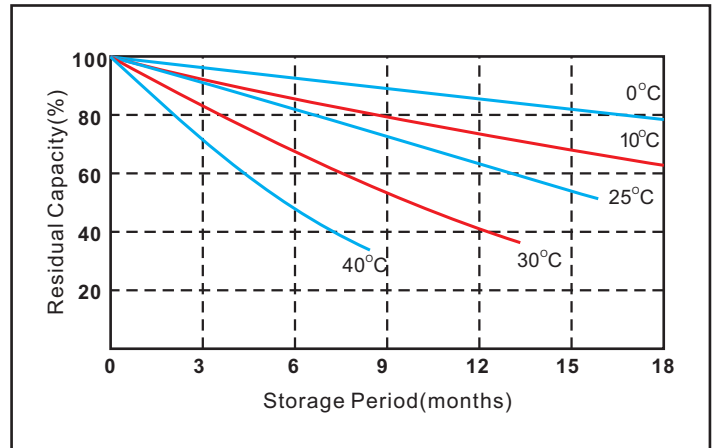
Unit:(mm) Terminal type:(T2)



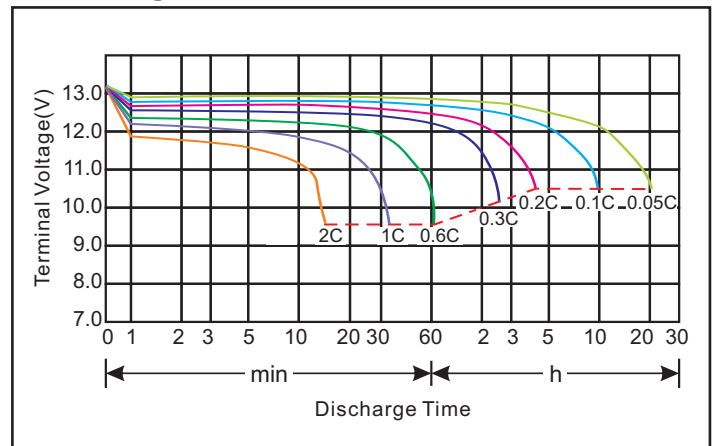
Parameter Chart:

| Volts | | 12V | |
|----------------------------------|----------------------------------|--------------------------------------------------------------|--|
| Capacity(25°C) | 10 hours rate (15A) | 150Ah | |
| Discharge Current Testing (25°C) | 1 hours rate (82.5A) | 85Ah | |
| | 3 hours rate (37.5A) | 114Ah | |
| Internal Resistance | Full Charged Battery 25°C | 5mΩ | |
| Capacity Affected By Temperature | 40°C | 104% | |
| | 25°C | 100% | |
| | 0°C | 83% | |
| | -15°C | 65% | |
| Residual Capacity (25°C) | Capacity After 3 Months Storage | 91% | |
| | Capacity After 6 Months Storage | 82% | |
| | Capacity After 12 Months Storage | 65% | |
| Charge (Constant Voltage) | Cycle (25°C) | Initial Charging Current Less Than 45A Voltage 14.5~14.9V | |
| | Float (25°C) | Charge Voltage 13.6~13.8V | |
| Weight (Approx) | | 45.3Kg | |

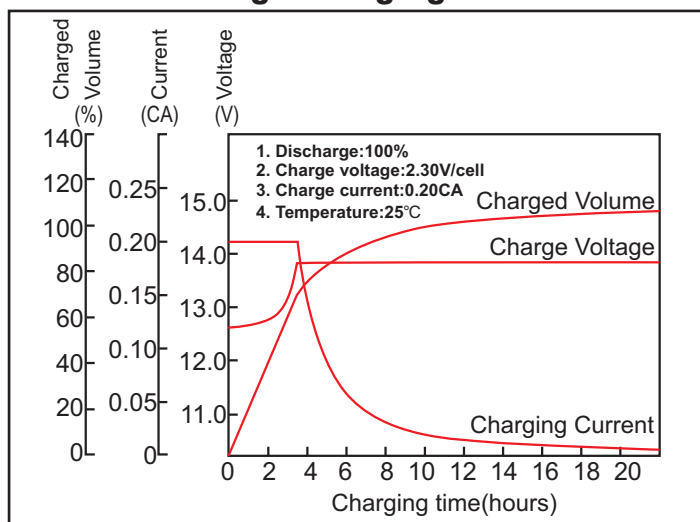
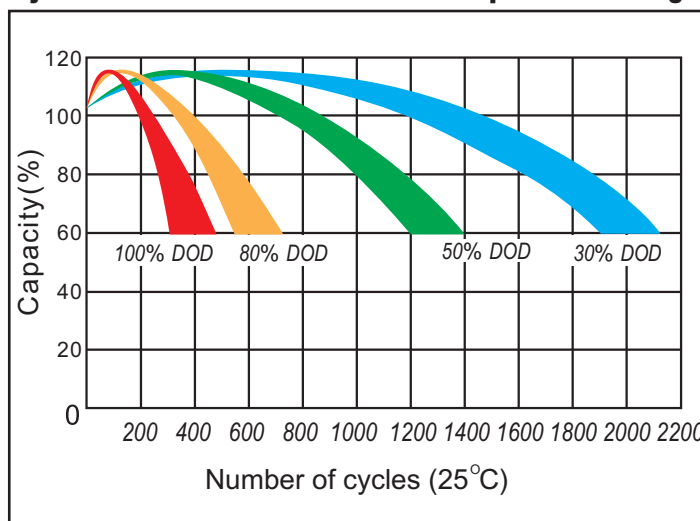
Residual Capacity



Discharge Current 25°C



★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.

Constant voltage charging characteristics

Cycle service life in relation to the depth of discharge

Constant Current Discharge Characteristics(A,25°C)

| F.V/Time | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|-------|-------|-------|------|------|------|------|------|------|-----|
| 9.60V | 253.6 | 150.4 | 86.5 | 53.4 | 38.0 | 31.1 | 27.3 | 18.1 | 15.2 | 7.9 |
| 10.2V | 238.6 | 144.8 | 84.2 | 52.4 | 37.4 | 30.7 | 26.4 | 17.9 | 15.1 | 7.8 |
| 10.5V | 228.6 | 141.0 | 82.1 | 51.4 | 36.6 | 30.5 | 25.7 | 17.6 | 15.0 | 7.7 |
| 10.8V | 221.4 | 137.2 | 78.6 | 50.8 | 35.7 | 29.5 | 24.8 | 17.4 | 15.0 | 7.6 |

Constant Power Discharge Characteristic(Watt,25°C)

| F.V/Time | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|--------|--------|-------|-------|-------|-------|-------|-------|-------|------|
| 9.60V | 2789.6 | 1635.3 | 951.2 | 588.6 | 418.9 | 361.3 | 301.7 | 199.8 | 167.5 | 87.2 |
| 10.2V | 2672.3 | 1578.9 | 925.6 | 576.6 | 412.2 | 352.1 | 290.8 | 197.6 | 166.4 | 86.3 |
| 10.5V | 2582.3 | 1536.2 | 902.4 | 565.1 | 402.9 | 344.5 | 283.5 | 193.6 | 165.2 | 85.6 |
| 10.8V | 2524.0 | 1502.1 | 864.1 | 558.4 | 392.7 | 333.8 | 272.8 | 191.4 | 164.7 | 84.8 |

Capacity Factors With Different Temperature

| Battery Type | | -20°C | -10°C | 0°C | 5°C | 10°C | 20°C | 25°C | 30°C | 40°C | 45°C |
|--------------|-----|-------|-------|-----|-----|------|------|------|------|------|------|
| GEL Battery | 12V | 50% | 70% | 83% | 85% | 90% | 98% | 100% | 102% | 104% | 105% |

★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.