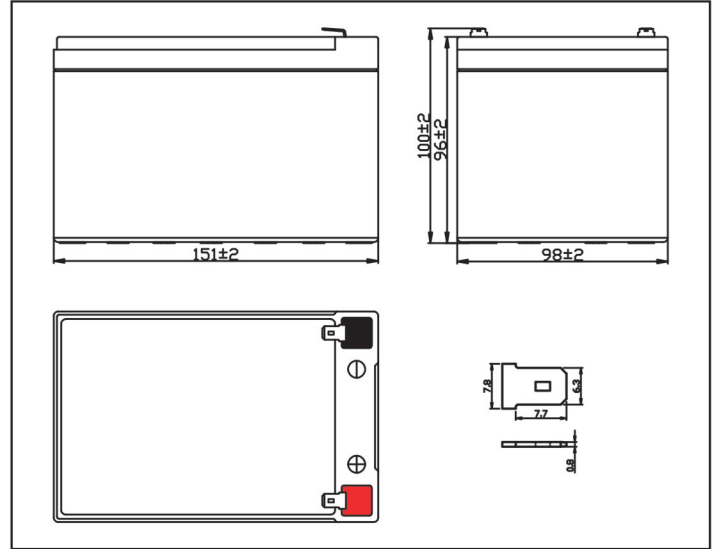


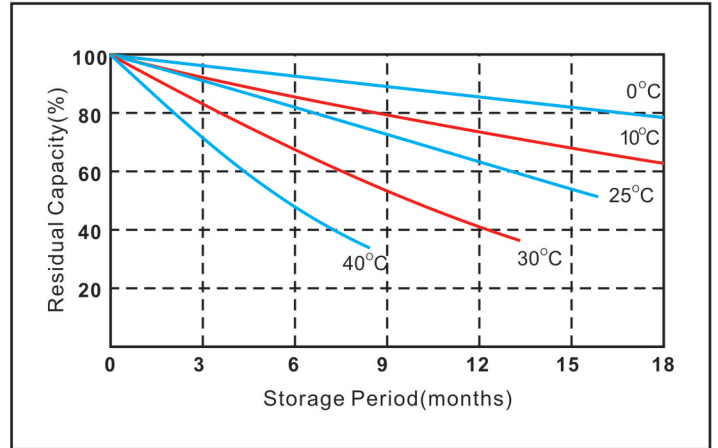
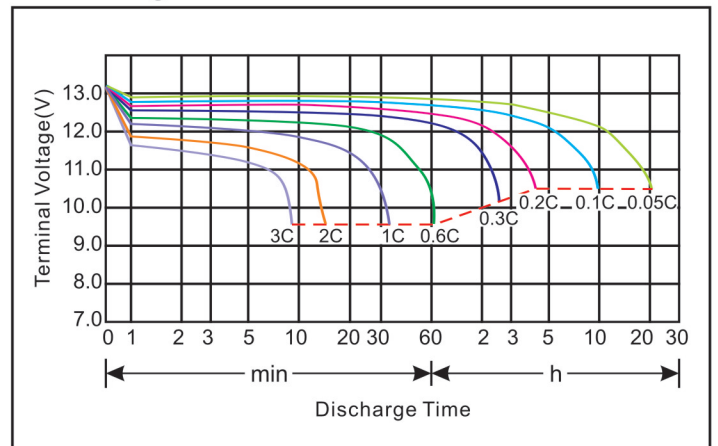
MODEL: OT12-12
NO.: 302010005-00084

Plane Chart:

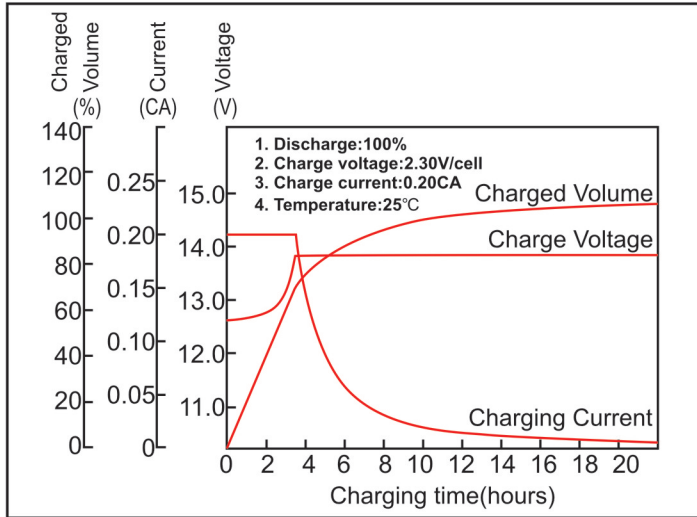
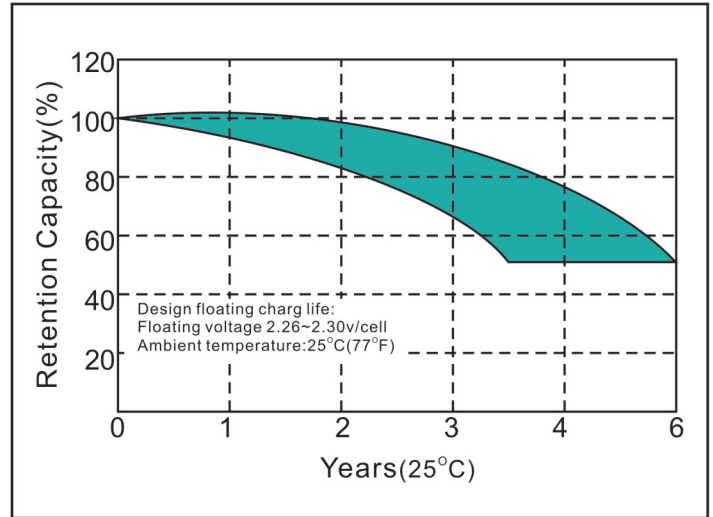
Unit:(mm) Terminal type:(F2)


Parameter Chart:

| Volts | | 12V | |
|----------------------------------|-------------------------------------|---|--|
| Capacity(25°C) | 20 hours rate (0.6A) | 12Ah | |
| Discharge Current Testing (25°C) | 20 I ₂₀ rate (12A,27min) | 34min | |
| | 60 I ₂₀ rate (36A,7min) | 8min | |
| Internal Resistance | Full Charged Battery 25°C | 15mΩ | |
| 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 3.6A Voltage 14.5~14.9V | |
| | Float (25°C) | Charge Voltage 13.6~13.8V | |
| Weight (Approx) | | 3.54Kg | |

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.

MODEL: OT12-12
NO.: 302010005-00084
Constant voltage charging characteristics

Float Life

Constant Current Discharge Characteristics (A, 25°C)

| F.V/Time | 5min | 10min | 15min | 30min | 60min | 2h | 3h | 5h | 8h | 10h | 20h |
|----------|------|-------|-------|-------|-------|-----|------|------|------|------|------|
| 9.60V | 47.6 | 31.5 | 23.6 | 14.3 | 7.8 | 4.4 | 3.45 | 2.35 | 1.53 | 1.26 | 0.68 |
| 10.2V | 44.7 | 28.6 | 22.2 | 13.7 | 7.6 | 4.4 | 3.35 | 2.30 | 1.49 | 1.24 | 0.67 |
| 10.5V | 42.6 | 26.7 | 21.3 | 13.1 | 7.4 | 4.3 | 3.31 | 2.25 | 1.46 | 1.22 | 0.66 |
| 10.8V | 40.8 | 25.2 | 20.4 | 12.7 | 7.2 | 4.2 | 3.25 | 2.20 | 1.43 | 1.20 | 0.65 |

Constant Power Discharge Characteristics (Watt, 25°C)

| F.V/Time | 5min | 10min | 15min | 30min | 60min | 2h | 3h | 5h | 8h | 10h | 20h |
|----------|-------|-------|-------|-------|-------|------|------|------|------|------|-----|
| 9.60V | 514.1 | 343.4 | 259.6 | 160.2 | 88.9 | 50.6 | 38.3 | 27.5 | 18.1 | 14.9 | 8.1 |
| 10.2V | 491.7 | 317.5 | 248.6 | 154.8 | 86.6 | 50.6 | 37.7 | 26.9 | 17.6 | 14.6 | 8.0 |
| 10.5V | 472.9 | 299.0 | 240.7 | 149.3 | 85.1 | 50.3 | 37.4 | 26.6 | 17.4 | 14.5 | 7.9 |
| 10.8V | 457.0 | 284.8 | 232.6 | 146.1 | 82.8 | 49.1 | 36.9 | 26.0 | 17.0 | 14.3 | 7.8 |

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 |
|--------------|-----|-------|-------|-----|-----|------|------|------|------|------|------|
| 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.