

DC 75s

GEL DEEP CYCLE

12V | 75Ah | 100h



Electrical Specifications

| | |
|--|--|
| Nominal voltage | 12V |
| Capacity (25°C) | 75Ah at C ₁₀₀ |
| Internal resistance (25°C) | 5.6mΩ |
| Temperature effect on capacity | 104% at 40°C 100% at 25°C 83% at 0°C 65% at -15°C |
| Residual capacity after storage (25°C) | 3 months: 91% 6 months: 82% 12 months: 65% |
| Constant charging voltage Cycle (25°C) | 14.5 to 14.9V (initial charging current < 19.5A) |
| Constant charging voltage Float (25°C) | 13.6 to 13.8V |

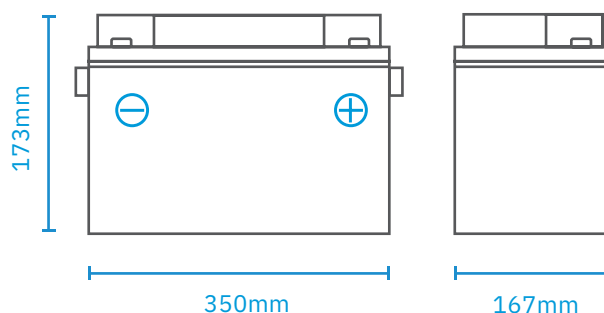
Discharge Specifications

| | |
|----------------------------------|--|
| Capacity C ₁₀₀ | 75Ah |
| Capacity C ₂₀ | 65Ah |
| Capacity C ₁₀ | 57Ah |
| Capacity C ₅ | 52Ah |
| Capacity C ₃ | 49Ah |
| Discharge current testing (25°C) | 1h rate (35.7A) : 36Ah 3h rate (16.2A) : 49Ah |

Mechanical Specifications

| | |
|--------------------------|-------------------|
| Measurements (L × W × H) | 350 × 167 × 173mm |
| Approx. weight | 20.9kg |
| Terminal type | T3 |

Measurements



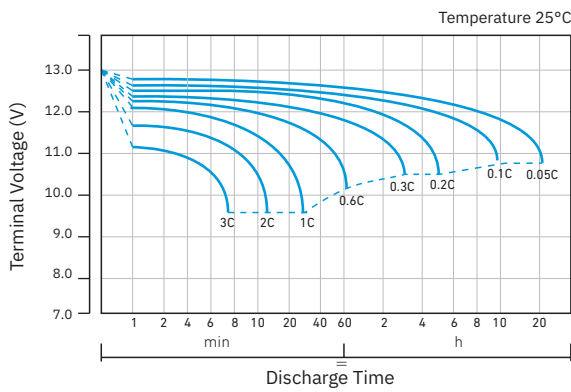
Constant Current Discharge Characteristics (A) 25°C

| F.V. / Time | 5 min | 10 min | 15 min | 30 min | 60 min | 2 h | 3 h | 5 h | 8 h | 10 h | 20 h |
|--------------|-------|--------|--------|--------|--------|------|------|------|-----|------|------|
| 9.60V | 205.4 | 143.3 | 110.2 | 67.1 | 41.1 | 23.7 | 16.7 | 11.7 | 7.9 | 6.7 | 3.5 |
| 10.2V | 195.4 | 136.3 | 106.2 | 64.4 | 39.5 | 23.4 | 16.5 | 11.5 | 7.9 | 6.6 | 3.5 |
| 10.5V | 190.4 | 132.3 | 103.2 | 63.1 | 38.6 | 23.2 | 16.3 | 11.4 | 7.8 | 6.5 | 3.4 |
| 10.8V | 183.4 | 128.3 | 100.2 | 61.2 | 37.5 | 22.9 | 16.2 | 11.3 | 7.7 | 6.5 | 3.4 |

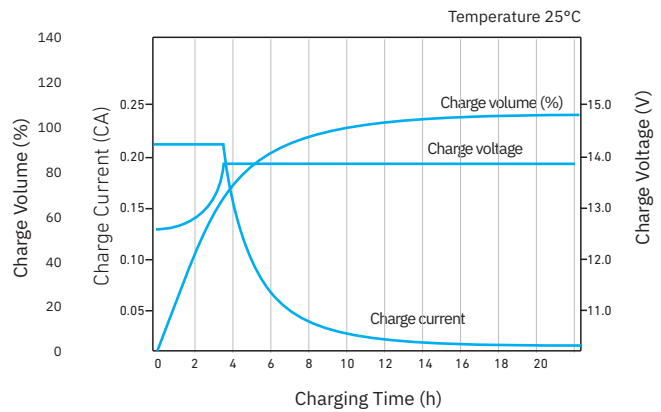
Constant Power Discharge Characteristics 25°C

| F.V. / Time | 5 min | 10 min | 15 min | 30 min | 60 min | 2 h | 3 h | 5 h | 8 h | 10 h | 20 h |
|--------------|--------|--------|--------|--------|--------|-------|-------|-------|------|------|------|
| 9.60V | 2157.3 | 1547.1 | 1210.4 | 753.5 | 467.9 | 274.5 | 196.4 | 138.3 | 94.1 | 79.6 | 41.9 |
| 10.2V | 2049.1 | 1469.9 | 1161.3 | 723.4 | 449.9 | 270.5 | 194.4 | 136.3 | 93.3 | 79.0 | 41.5 |
| 10.5V | 1999.0 | 1427.9 | 1132.3 | 707.4 | 438.9 | 268.5 | 192.4 | 135.3 | 92.8 | 78.1 | 41.1 |
| 10.8V | 1925.8 | 1381.8 | 1104.2 | 687.4 | 426.9 | 265.5 | 191.4 | 134.3 | 91.9 | 77.8 | 40.9 |

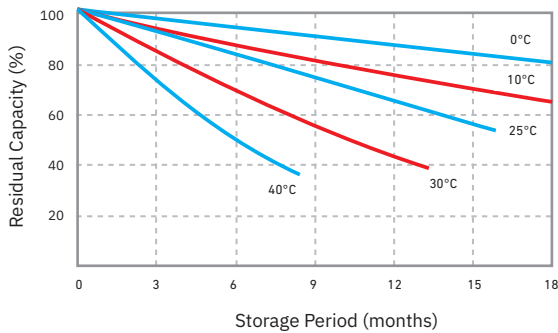
Discharge Characteristics Curve



Charge Characteristics Curve For Cycle Use (IU)



Residual Capacity



Float Life

