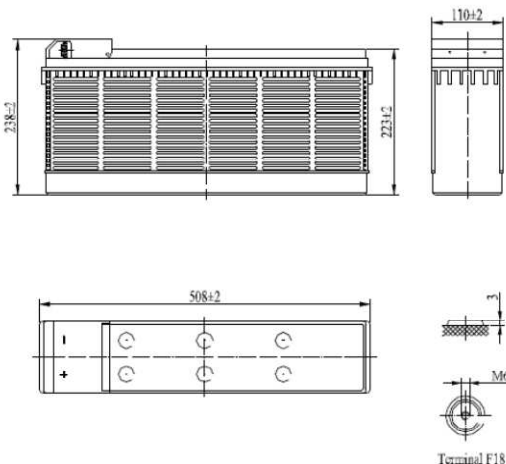


OGiV 121000 FT (12V 100Ah Front Terminal)

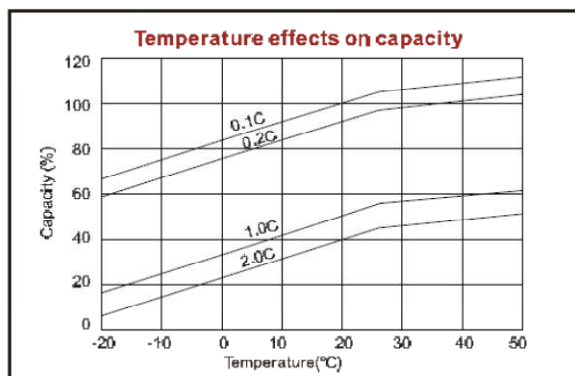
Floating Life at 20°C designed for 10 years

EAN: 4260123689537

Dimensions



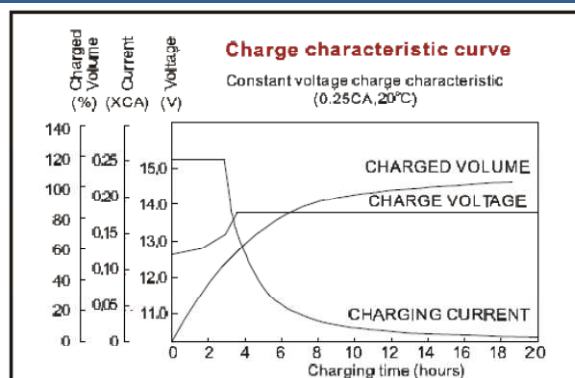
Temperature Effects in Relation to Battery Capacity



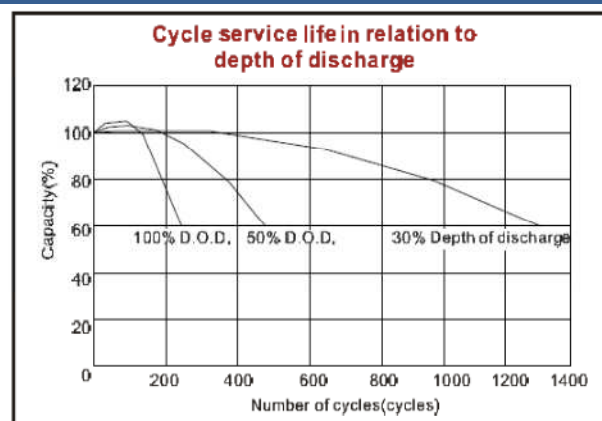
Specifications

| | | |
|-----------------------------------------|--------------|-----------------------------|
| Nominal Voltage | | 12V |
| Capacity (10hr@25°C@1.8V/C) | | 100Ah |
| Dimensions | Length | 508mm (20.0inch) |
| | Width | 110mm (4.33inch) |
| | Height | 223mm (8.78inch) |
| | Total Height | 238mm (9.37inch) |
| Approx. Weight | | 32.5kg (71.6lbs) |
| Maximum charging current | | 30A |
| Maximum discharge current | | 900A (5sec.) |
| Internal resistance | | Approx. 6.3mΩ |
| Capacity affected by temperature (20hr) | 40°C | 103% |
| | 25°C | 100% |
| | 0°C | 86% |
| | -15°C | 65% |
| Self-discharge (25°C) | 3 month | Remaining Capacity: 91% |
| | 6 month | Remaining Capacity: 82% |
| | 12 month | Remaining Capacity: 65% |
| Nominal operating temperature | | 25°C ±3°C (77°F±5°F) |
| Operating temperature range | | -20°C ~ 55°C (-4°F ~ 131°F) |
| Float charging voltage (25°C) | | 13.65 to 13.80V |
| Cyclic charging voltage (25°C) | | 14.40 to 15.00V |
| Terminal material | | Copper |

Float Charging Characteristics



Cycle Life in Relation to Depth of Discharge



Constant Current Discharge Characteristics (Ampere / Cell, 25°C)

| F.V/TIME | 10min | 15min | 30min | 45min | 1h | 3h | 5h | 10h |
|------------|-------|-------|-------|-------|------|------|------|------|
| 1.60V/cell | 218 | 176 | 110 | 78,8 | 63,5 | 27,8 | 18,5 | 10,1 |
| 1.70V/cell | 185 | 154 | 102 | 73,9 | 59,5 | 26,4 | 17,8 | 10,0 |
| 1.80V/cell | 153 | 132 | 93 | 68 | 55,1 | 24,6 | 16,8 | 10,0 |

Constant Power Discharge Characteristics (Watt / Cell, 25°C)

| F.V/TIME | 10min | 15min | 30min | 45min | 1h | 3h | 5h | 10h |
|------------|-------|-------|-------|-------|-----|------|------|------|
| 1.60V/cell | 380 | 319 | 206 | 150 | 121 | 70,1 | 52,3 | 36,5 |
| 1.70V/cell | 337 | 286 | 195 | 140 | 115 | 66,4 | 50,1 | 35,8 |
| 1.80V/cell | 294 | 254 | 170 | 128 | 103 | 62,3 | 47,8 | 34,6 |