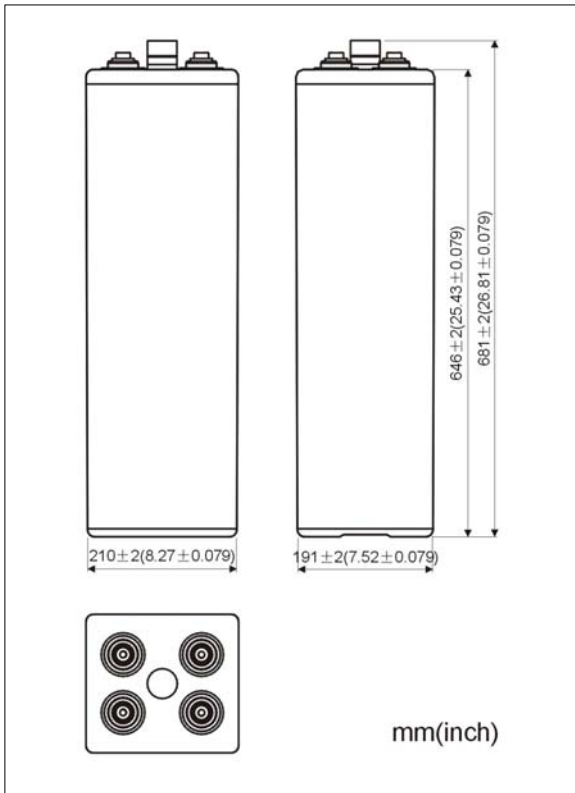


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NON-SPILLABLE RECHARGEABLE SEALED LEAD ACID BATTERY

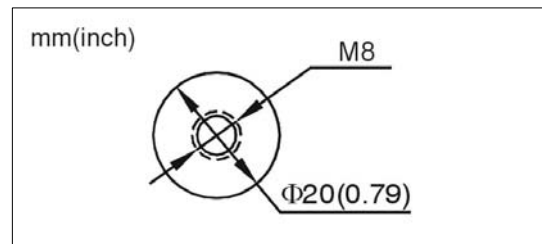
■ DIMENSION



■ FEATURES

- Sealed and Non-Spillable construction design;
- Safety valve installation for explosion proof;
- ABS containers and covers (UL94 V0, optional);
- Maintenance free operation;
- Lowest self-discharge characteristic;
- High quality and high reliability;
- Super long service life.

■ TERMINAL



■ SPECIFICATIONS

| | | | | |
|-----------------------------------|--------------------|-------------------------------------|--|-------|
| Nominal Voltage | 2V | Nominal Capacity (C ₁₀) | 800Ah (1.80V @ 20°C) | |
| Dimension | Length 191mm | Weight | Approx. 60kg | |
| | Width 210mm | Max Charging Current | 160A | |
| | Height 646mm | Internal Resistance | Full charged@20°C: 0.0004 Ohm | |
| | Total Height 681mm | Self Discharge | 2% of capacity declined per month@20°C | |
| Capacity Affected by Temp. (10HR) | 40°C | 20°C | 0°C | -15°C |
| | 109% | 100% | 85% | 65% |

■ CHARGE

| | | |
|-----------------------|---------------------|---------------------|
| Using Mode | Cycle use | Float use |
| Charge Voltage (20°C) | 2.35~2.40V(-5mV/°C) | 2.25~2.29V(-3mV/°C) |



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NON-SPILLABLE RECHARGEABLE SEALED LEAD ACID BATTERY

■ CONSTANT CURRENT DISCHARGE CHARACTERISTICS

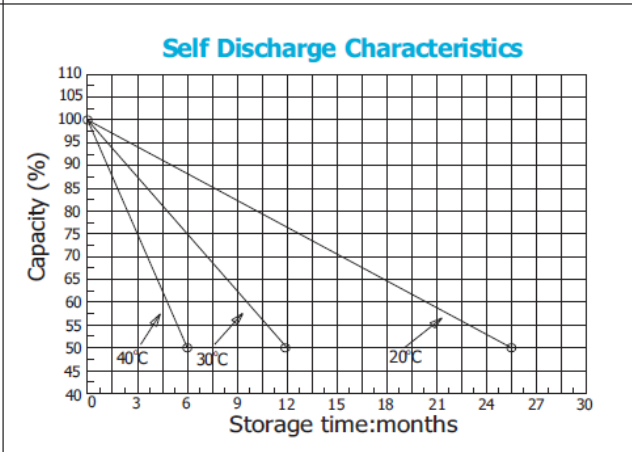
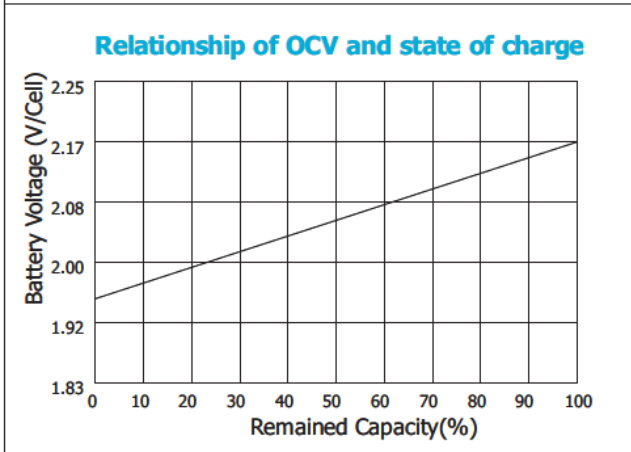
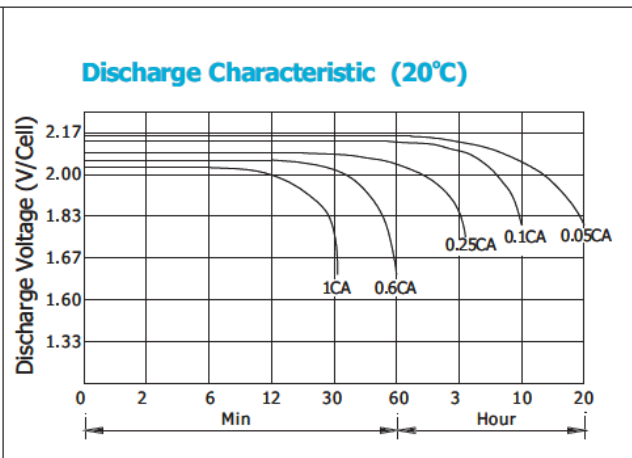
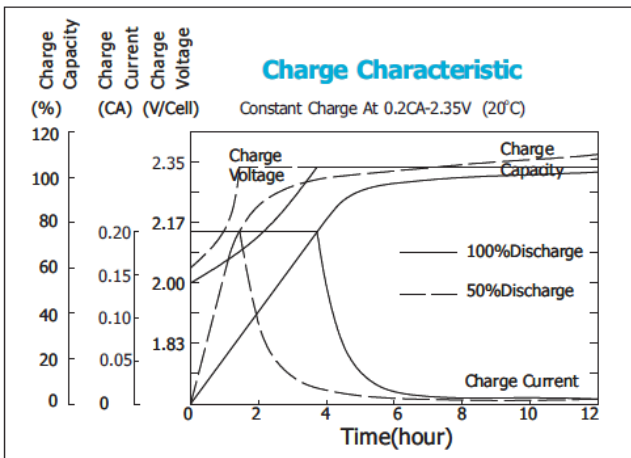
UNIT: A (20°C)

| F.V/Time | 15min | 30min | 1h | 2h | 3h | 5h | 8h | 10h | 20h |
|----------|-------|-------|-----|-----|-----|-----|------|------|------|
| 1.70V | 848 | 688 | 468 | 286 | 212 | 142 | 98.0 | 82.0 | 44.3 |
| 1.75V | 752 | 624 | 448 | 278 | 208 | 141 | 97.6 | 81.0 | 43.7 |
| 1.80V | 656 | 560 | 416 | 266 | 200 | 139 | 96.0 | 80.0 | 43.0 |
| 1.83V | 592 | 504 | 384 | 256 | 195 | 136 | 94.0 | 78.0 | 42.1 |
| 1.87V | 480 | 440 | 344 | 236 | 183 | 130 | 89.6 | 74.5 | 40.2 |
| 1.90V | 416 | 392 | 312 | 220 | 172 | 124 | 86.0 | 71.5 | 38.6 |

■ CONSTANT POWER DISCHARGE CHARACTERISTICS

UNIT: W/CELL (20°C)

| F.V/Time | 15min | 30min | 1h | 2h | 3h | 5h | 8h | 10h | 20h |
|----------|-------|-------|-----|-----|-----|-----|-----|-----|------|
| 1.70V | 1462 | 1190 | 849 | 542 | 427 | 293 | 195 | 158 | 86.5 |
| 1.75V | 1346 | 1142 | 810 | 528 | 417 | 289 | 191 | 156 | 86.0 |
| 1.80V | 1192 | 1074 | 779 | 514 | 402 | 284 | 189 | 154 | 85.0 |
| 1.83V | 1096 | 919 | 718 | 490 | 396 | 269 | 179 | 151 | 84.0 |
| 1.87V | 1038 | 870 | 699 | 480 | 389 | 260 | 174 | 146 | 81.0 |
| 1.90V | 890 | 799 | 635 | 472 | 353 | 256 | 167 | 138 | 78.5 |



Issue: SC-8 OPzV800-001-CGB-201604. For the improvement of products and technology, and the appearance of the specifications are subject to change without prior notice. The company has the right of final interpretation.

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