

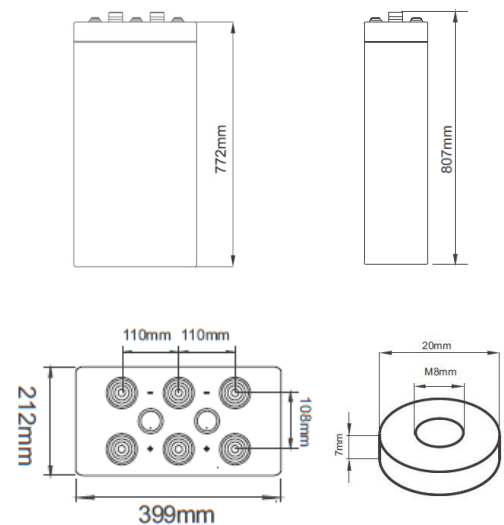
OPzV SERIES 160PzV2000(2V2000AH/10HR)

Specifications

| | | |
|-----------------------------------|-----------------------------|------------------------------|
| Nominal Voltage | 2V | |
| Nominal Capacity(10hr) | 2000AH | |
| Dimension | Length | 212±2mm(8.27inch) |
| | Width | 399±2mm(15.71inch) |
| | Height | 772±2mm(30.35inch) |
| | Total Height | 807±2mm(32.52inch) |
| Approx Weight | Approx. 144kg(+/-4%) | |
| Terminal Type | M8 | |
| container Material | ABS | |
| Internal Resistance | Approx.0.24mΩ | |
| Rated Capacity | 2150AH | (20hr, 1.80V/cell,25°C/77°F) |
| | 2020AH | (10hr, 1.80V/cell,25°C/77°F) |
| | 1785AH | (5hr, 1.75V/cell,25°C/77°F) |
| | 1587AH | (3hr, 1.75V/cell,25°C/77°F) |
| | 915AH | (1hr, 1.75V/cell,25°C/77°F) |
| Max. Charge Current | 400A | |
| Max. Discharge Current | 3000A | |
| Short Circuit Current | 8300A | |
| Self Discharge | Approx. 2% per month @ 20°C | |
| Float Charge Voltage (20~25°C) | 2.25-2.29V (-3mV / C/ cell) | |
| Equalize Charge Voltage (20~25°C) | 2.35-2.40V (-5mV / C/ cell) | |
| Ambient Temperature | Discharge: -40~65°C | |
| | Charge: -30~65°C | |
| | Storage: -25~45°C | |



Dimensions



Constant Power Discharge at 25°C(77°F)

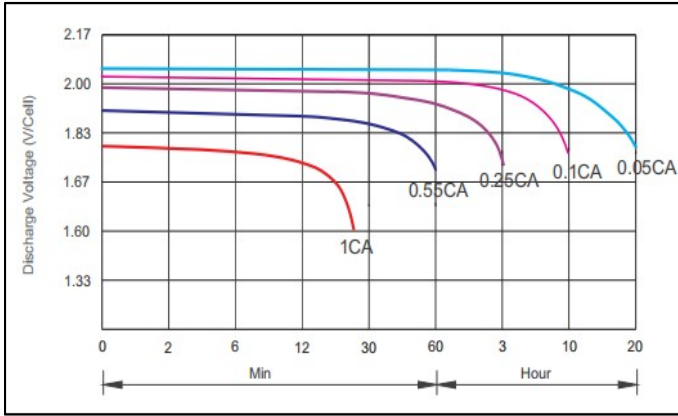
| F.V/Time | 10min | 15min | 30min | 1h | 2h | 3h | 5h | 8h | 10h |
|------------|-------|-------|-------|------|--------|-------|-------|-------|-------|
| 1.90V/cell | 1367 | 1333 | 1253 | 1066 | 924,0 | 780,0 | 581,0 | 418,0 | 347,0 |
| 1.85V/cell | 2073 | 1907 | 1654 | 1321 | 1113,0 | 906,0 | 659,0 | 457,0 | 375,0 |
| 1.80V/cell | 2634 | 2400 | 1953 | 1568 | 1226,0 | 982,0 | 673,0 | 468,0 | 382,0 |
| 1.75V/cell | 2747 | 2594 | 2258 | 1683 | 1262,0 | 994,0 | 677,0 | 470,0 | 389,0 |

Constant Current Discharge at 25°C(77°F)

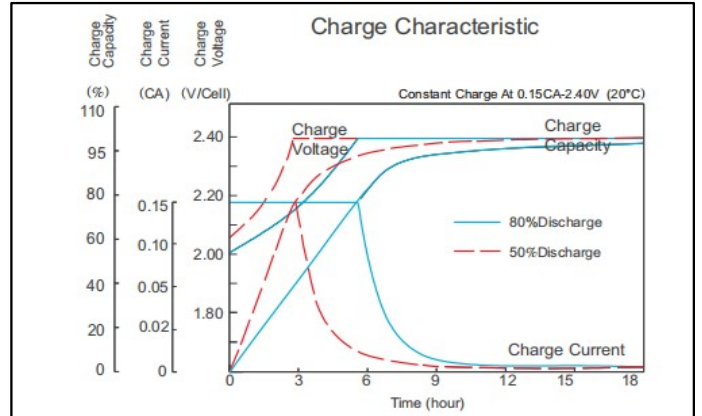
| F.V/Time | 10min | 15min | 30min | 1h | 2h | 3h | 5h | 8h | 10h |
|------------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 1.90V/cell | 708,0 | 688,0 | 643,0 | 543,0 | 467,0 | 392,0 | 290,0 | 208,0 | 172,0 |
| 1.85V/cell | 1110,0 | 1016,0 | 875,0 | 692,0 | 576,0 | 465,0 | 335,0 | 231,0 | 188,0 |
| 1.80V/cell | 1447,0 | 1312,0 | 1058,0 | 841,0 | 649,0 | 515,0 | 350,0 | 241,0 | 200,0 |
| 1.75V/cell | 1534,0 | 1441,0 | 1242,0 | 915,0 | 678,0 | 529,0 | 357,0 | 245,0 | 202,0 |

OPzV SERIES
16OPzV2000(2V2000AH/10HR)

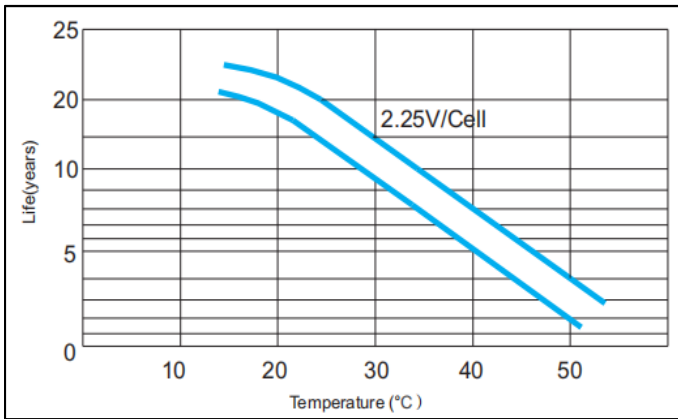
Discharge Characteristics



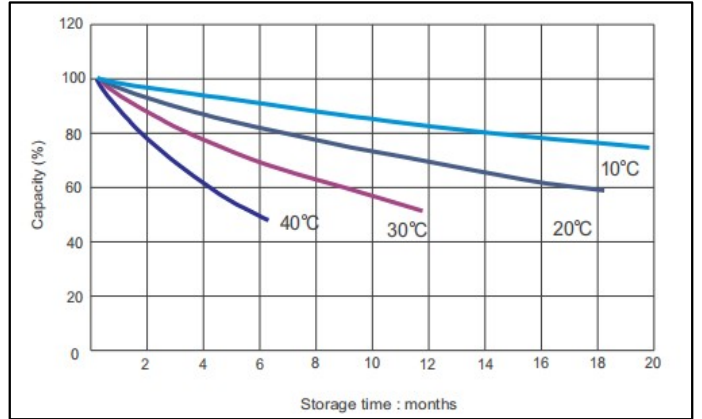
Charge Characteristics



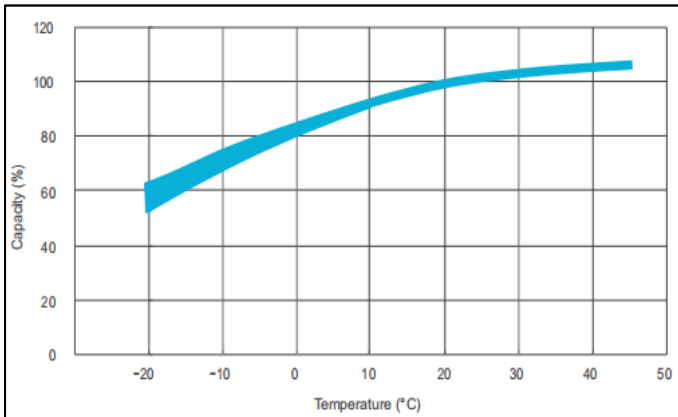
Floating Life on Temperature



Self Discharge Characteristics (25°C(77°F)



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

