

26 OPzV-ET 3250

(2V 3575Ah @ 10hr)



Performance characteristics

| | |
|-----------------|----------|
| Nominal Voltage | 2V |
| Number of cells | 1 |
| Design Life | 20 years |

Nominal Capacity 20°C (68°F)

| | |
|-----------------------------|--------|
| 10 hour rate (357.5A, 1.8V) | 3575Ah |
| 5 hour rate (629A, 1.75V) | 3145Ah |
| 1 hour rate (2092A, 1.6V) | 2092Ah |

Internal Resistance

| | |
|-----------------------------------|----------|
| Fully Charged Battery 20°C (68°F) | 0.10mOhm |
|-----------------------------------|----------|

Self-Discharge

2% of capacity declined per month at 20°C (average)

Operating Temperature Range

-20°C to +55°C

Maximum Discharge Current 20°C (68°F)

3373A

Charge Methods: Constant Voltage Charge 20°C (68°F)

| | |
|--------------------------|----------------------|
| Cycle use | 2.40V (time limited) |
| Maximum charging current | 1787.5A |
| Standby use | 2.25V ± 1% |
| Temperature compensation | -3.5mV/°C/Cell |
| Terminal torque | 23Nm |

Discharge Constant Current (Amperes at 20°C)

| Cells (V) | 10 m | 15 m | 30 m | 1 h | 2 h | 3 h | 5 h | 8 h | 10 h |
|-----------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 1.60 | 3372.5 | 3065.0 | 2724.8 | 2091.5 | 1223.1 | 995.1 | 662.2 | 416.1 | 361.9 |
| 1.65 | 2742.9 | 2634.3 | 2417.2 | 1997.5 | 1194.1 | 977.0 | 655.0 | 416.1 | 361.9 |
| 1.70 | 2552.6 | 2423.9 | 2234.4 | 1880.5 | 1179.8 | 968.8 | 647.1 | 407.6 | 357.5 |
| 1.75 | 2216.5 | 2148.6 | 2023.5 | 1655.2 | 1068.9 | 925.6 | 629.2 | 407.6 | 357.5 |
| 1.80 | 2091.4 | 1959.1 | 1758.9 | 1412.1 | 1018.9 | 868.7 | 589.9 | 404.0 | 357.5 |
| 1.83 | 1841.5 | 1767.1 | 1548.4 | 1170.0 | 966.7 | 815.8 | 568.6 | 389.3 | 334.6 |
| 1.85 | 1687.3 | 1590.5 | 1335.7 | 1064.7 | 909.8 | 745.3 | 522.6 | 371.0 | 322.6 |
| 1.87 | 1363.8 | 1338.5 | 1300.4 | 1034.0 | 875.4 | 716.8 | 498.0 | 358.4 | 317.2 |
| 1.90 | 1133.6 | 1098.8 | 1049.5 | 953.8 | 771.2 | 623.3 | 455.2 | 333.4 | 289.9 |

Discharge Constant Power (Watts at 20°C)

| Cells (V) | 10 m | 15 m | 30 m | 1 h | 2 h | 3 h | 5 h | 8 h | 10 h |
|-----------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 1.60 | 5415.0 | 4921.2 | 4419.5 | 3482.0 | 2192.5 | 1825.1 | 1247.2 | 794.2 | 694.0 |
| 1.65 | 4536.2 | 4356.7 | 4025.6 | 3390.2 | 2140.6 | 1792.0 | 1233.6 | 794.2 | 694.0 |
| 1.70 | 4345.6 | 4126.5 | 3823.8 | 3260.3 | 2102.6 | 1782.2 | 1218.7 | 777.9 | 685.7 |
| 1.75 | 3883.9 | 3764.9 | 3556.7 | 2935.2 | 1929.8 | 1699.2 | 1185.0 | 777.9 | 685.7 |
| 1.80 | 3791.9 | 3552.1 | 3173.6 | 2564.6 | 1873.8 | 1614.0 | 1108.9 | 769.7 | 685.7 |
| 1.83 | 3399.3 | 3262.1 | 2838.9 | 2154.5 | 1799.4 | 1529.4 | 1078.1 | 746.2 | 641.8 |
| 1.85 | 3153.0 | 2972.1 | 2475.5 | 1981.0 | 1705.6 | 1407.1 | 996.9 | 714.2 | 620.0 |
| 1.87 | 2567.5 | 2519.7 | 2438.8 | 1944.3 | 1656.3 | 1362.5 | 955.7 | 693.9 | 614.0 |
| 1.90 | 2158.8 | 2092.6 | 2027.1 | 1817.6 | 1476.9 | 1199.9 | 880.5 | 647.9 | 565.1 |

Features

High capacity density

Robust tubular positive electrode design, compliant with DIN 40742

Low self discharge rate allows for up to 2 years shelf life

Operating temperature -20°C to +55°C

20 year float life at 20°C (68°F)

EUROBAT design life: Long Life > 12 years

Fully recyclable with low CO₂ footprint

Applications

Telecommunications/ Mobile Phone Stations

Traffic Systems

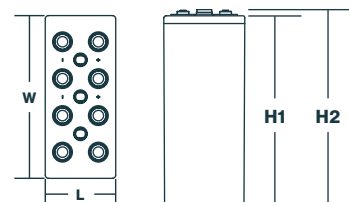
UPS Systems

Emergency Lighting

Electrical Switching

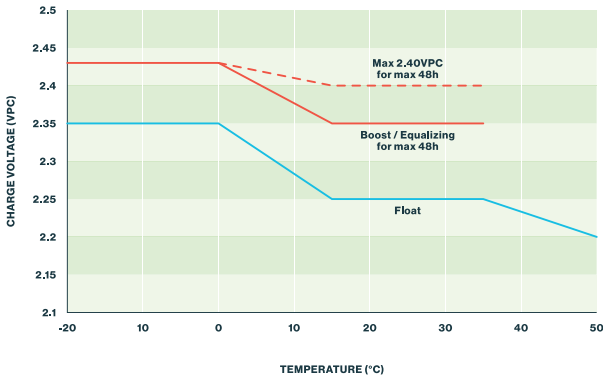
Dimensions and weight

| | |
|-------------------|--------|
| Length | 212 mm |
| Width | 575 mm |
| Height (H1) | 771 mm |
| Total height (H2) | 784 mm |
| Approx. weight | 236 kg |

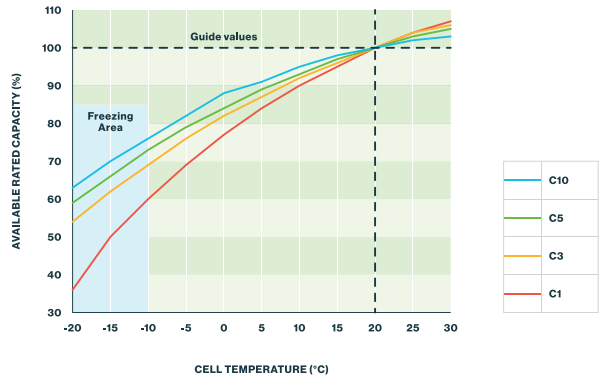


Compliant with IEC60896-21/22

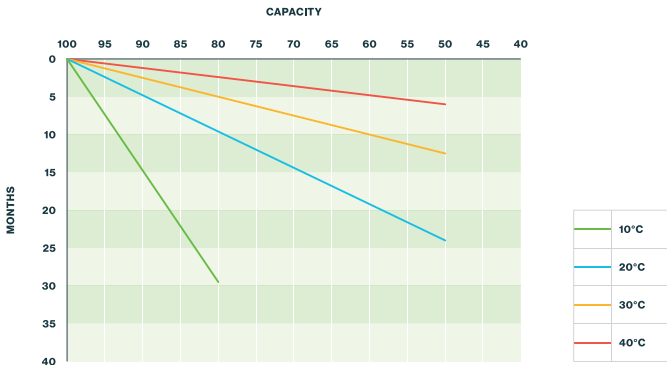
Charging voltage vs. Temperature



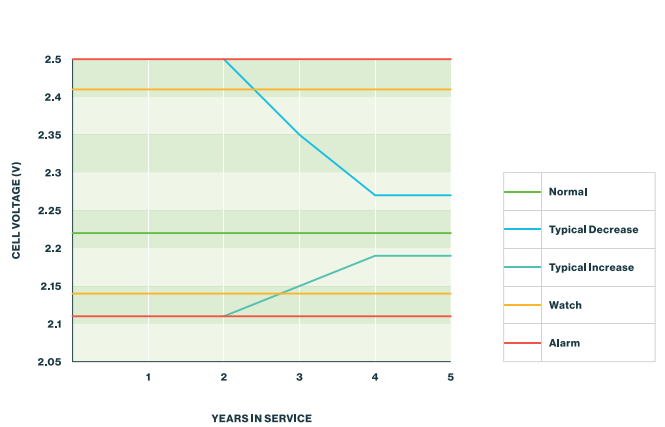
Capacity vs. Temperature



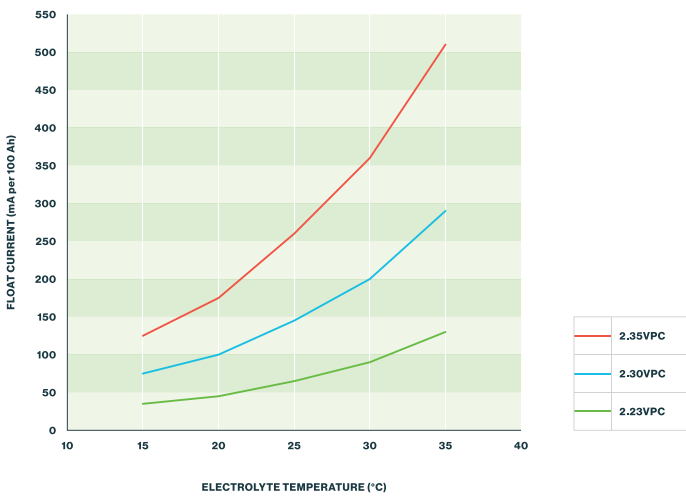
Self discharge at different temperatures



Float voltage deviation vs. Years in service



Float current: Residual charge current



Storage: Determine the state of charge

