

26OPzV3250

(2V 3575Ah @ 10hr)

Eternity Technologies valve regulated lead-acid batteries for the standby power market. With an innovative Gel-technology design Eternity Technologies OPzV batteries have a reliable maintenance-free and leakage-free construction.

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)	0.11mOhm
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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	-5.0mV/°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



N Part of our Network Power range

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

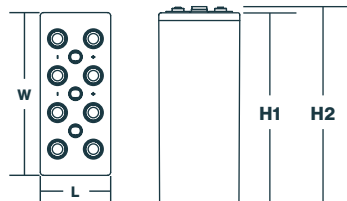
- UPS Systems

- Emergency Lighting

- Electrical Switching

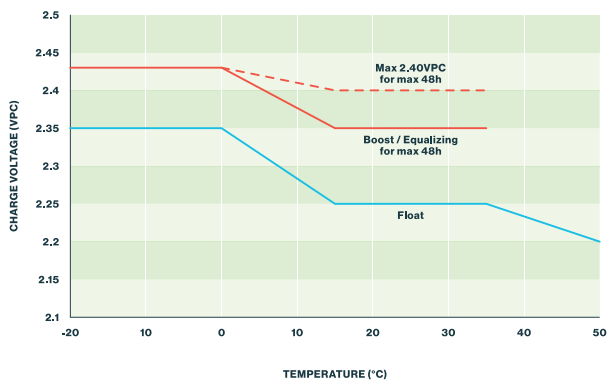
Dimensions and weight

Length	214 mm
Width	578 mm
Height (H1)	784 mm
Total height (H2)	809 mm
Approx. weight	236 kg

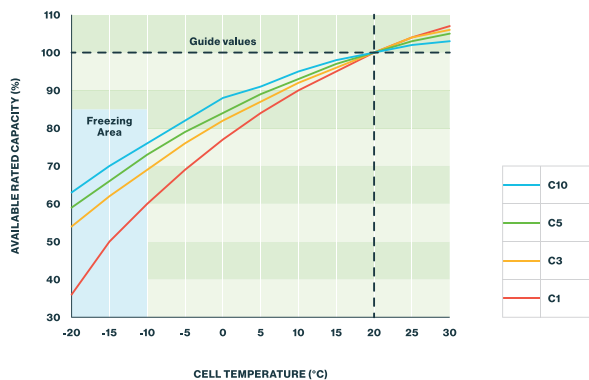


Compliant with IEC60896-21/22

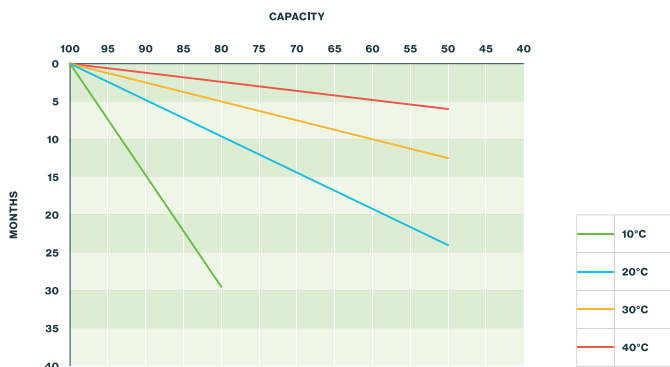
Charging voltage vs. Temperature



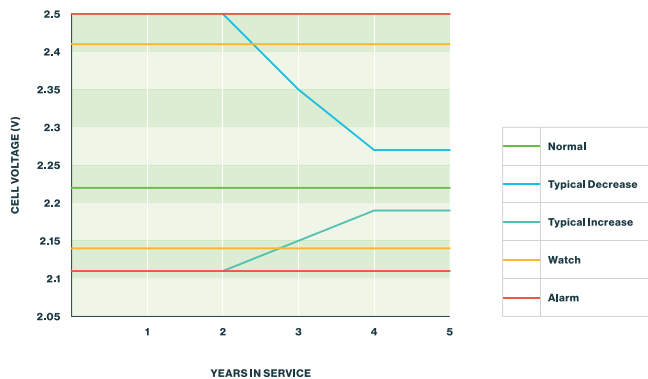
Capacity vs. Temperature



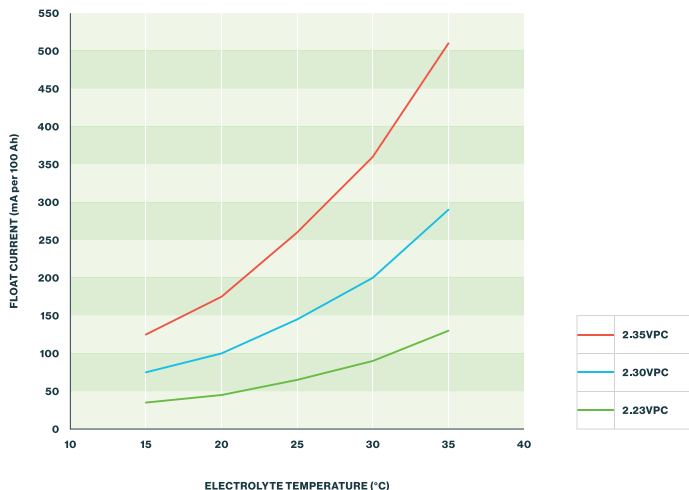
Self discharge at different temperatures



Float voltage deviation vs. Years in service



Float current: Residual charge current



Storage: Determine the state of charge

