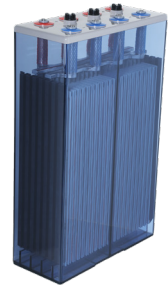


# 26 OPzS-ET 3250

## (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 (632.8A, 1.75V)	3164Ah
1 hour rate (2000.9A, 1.6V)	2000.9Ah

#### Internal Resistance

Fully Charged Battery 20°C (68°F)	0.11mOhm
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#### Electrolyte

Nominal S.G at 20°C = 1.240kg/l

<b>Operating Temperature Range</b>	-20°C to +55°C
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<b>Maximum Discharge Current 20°C (68°F)</b>	3346A
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#### Charge Methods: Constant Voltage Charge 20°C (68°F)

Cycle use	2.40V (time limited)
Maximum charging current	1430A
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	3249.6	3062.8	2577.3	2000.9	1349.9	1001.0	707.5	471.7	386.3
1.65	2870.7	2726.6	2321.0	1824.9	1285.9	972.2	693.7	468.4	386.3
1.70	2486.5	2379.8	2059.6	1643.4	1205.9	929.5	668.1	461.1	382.1
1.75	2102.3	2027.6	1787.5	1451.3	1099.2	868.7	632.8	447.1	373.5
1.80	1712.8	1659.5	1494.0	1237.9	972.2	786.5	582.7	421.5	357.5
1.83	1472.7	1435.3	1302.0	1099.2	880.4	720.3	544.3	400.2	340.4
1.85	1318.0	1280.6	1173.9	1005.2	815.3	678.7	518.6	386.3	328.7
1.87	1147.3	1120.5	1037.3	897.4	739.6	623.2	485.6	362.8	311.6
1.90	900.7	883.6	829.2	735.3	625.4	539.9	436.5	328.7	286.0

#### 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	5282.5	5021.0	4343.4	3409.6	2353.1	1798.2	1301.9	884.7	734.2
1.65	4791.6	4578.1	3980.5	3158.8	2267.7	1750.1	1280.6	880.4	734.2
1.70	4263.3	4092.6	3596.3	2886.7	2150.3	1691.5	1237.9	870.8	729.9
1.75	3697.7	3580.3	3190.8	2598.5	1995.6	1600.7	1189.9	849.5	715.0
1.80	3089.4	3004.1	2726.6	2267.7	1798.2	1472.7	1104.5	806.8	690.5
1.83	2694.6	2635.9	2401.1	2032.9	1638.1	1355.3	1037.3	770.5	660.6
1.85	2438.5	2374.4	2182.4	1872.9	1531.4	1285.9	993.5	747.0	641.4
1.87	2145.0	2097.0	1814.2	1686.1	1398.0	1184.6	934.8	705.4	610.4
1.90	1712.8	1680.8	1579.4	1403.4	1200.6	1042.6	848.4	644.6	563.4

### Features

High energy density

Robust tubular positive electrode design, compliant with DIN 40736

Minimal maintenance due to low antimony alloy and large electrolyte volume

Operating temperature -20°C to +55°C

EUROBAT design life: Long Life > 12 years

Fully recyclable with low CO<sub>2</sub> footprint

### Applications

Telecommunications/ Mobile Phone Stations

Traffic Systems

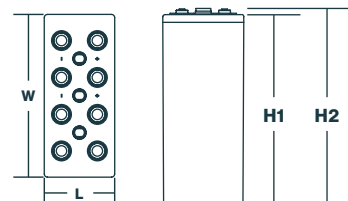
UPS Systems

Emergency Lighting

Electrical Switching

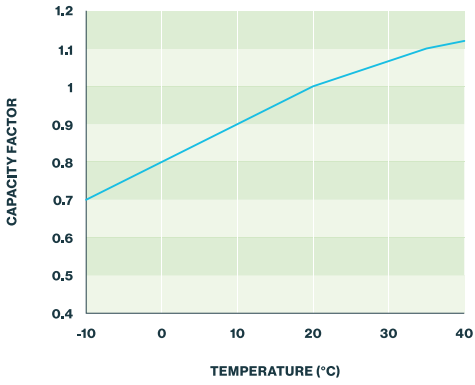
### Dimensions and weight

Length	212 mm
Width	575 mm
Height (H1)	772 mm
Total height (H2)	785 mm
Dry weight	159.5 kg
Filled weight	222 kg

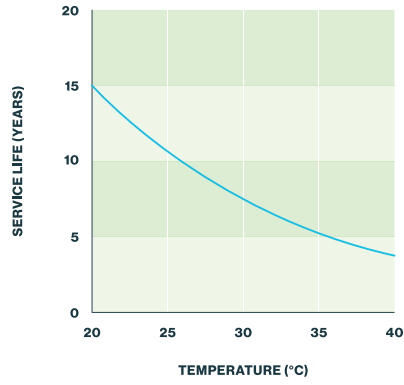


Compliant with IEC60896-11

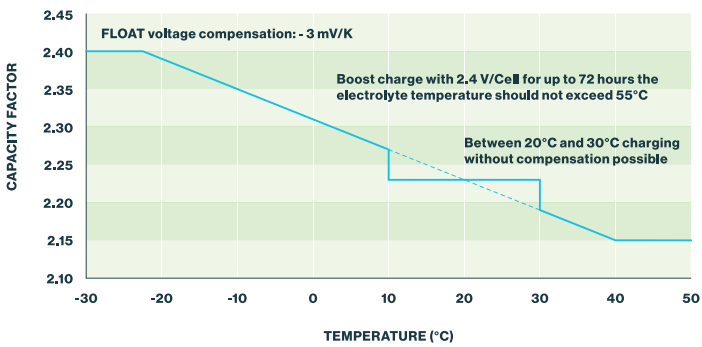
Capacity factor vs. Temperature - discharge current  $I_{10}$



Service life vs. Temperature



Charging voltage vs. Temperature



Self discharge

