

17 OPzS-ET 2125

(2V 2338Ah @ 10hr)



Performance characteristics

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

Nominal Capacity 20°C (68°F)

10 hour rate (233A, 1.8V)	2338Ah
5 hour rate (82.8A, 1.75V)	414Ah
1 hour rate (1336A, 1.6V)	1336Ah

Internal Resistance

Fully Charged Battery 20°C (68°F)	0.15mOhm
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Electrolyte

Nominal S.G at 20°C = 1.240kg/l

Operating Temperature Range

-20°C to +55°C

Maximum Discharge Current 20°C (68°F)

1099A

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

Cycle use	2.40V (time limited)
Maximum charging current	414A
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	2208.1	2074.5	1744.8	1335.7	901.6	654.5	462.5	308.9	252.1
1.65	1949.3	1849.1	1573.6	1223.0	855.7	636.1	453.3	306.3	252.1
1.70	1686.3	1611.2	1394.2	1101.9	801.5	607.8	437.4	301.4	250.4
1.75	1427.6	1373.3	1210.5	972.6	732.1	567.7	414.0	292.2	244.6
1.80	1147.8	1122.9	1010.1	829.0	647.0	514.3	380.7	275.5	233.8
1.83	1001.8	972.6	884.9	735.5	584.4	472.5	355.6	261.3	222.9
1.85	945.8	919.3	845.0	712.4	573.7	470.3	358.9	266.9	228.1
1.87	781.4	759.7	650.3	601.0	491.7	407.4	317.2	237.1	203.7
1.90	611.1	597.7	561.0	497.6	415.7	353.1	285.5	215.4	187.0

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	3590	3402	2939	2279	1574	1173	852	579	479.2
1.65	3256	3106	2701	2116	1511	1148	839	576	479.2
1.70	2893	2772	2434	1933	1432	1106	812	569	478.4
1.75	2513	2425	2162	1741	1327	1048	777	555	468.3
1.80	2070	2033	1845	1515	1194	960	721	528	450.8
1.83	1832	1787	1632	1361	1089	890	678	503	432.4
1.85	1750	1706	1573	1330	1078	893	687	516	444.6
1.87	1461	1419	1140	1131	931	776	610	461	399.0
1.90	1160	1135	1069	952	798	681	555	422	368.2

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 CO₂ footprint

Applications

Telecommunications/ Mobile Phone Stations

Traffic Systems

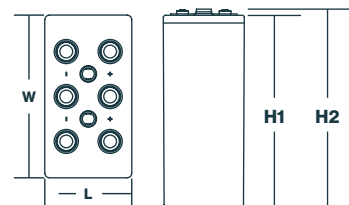
UPS Systems

Emergency Lighting

Electrical Switching

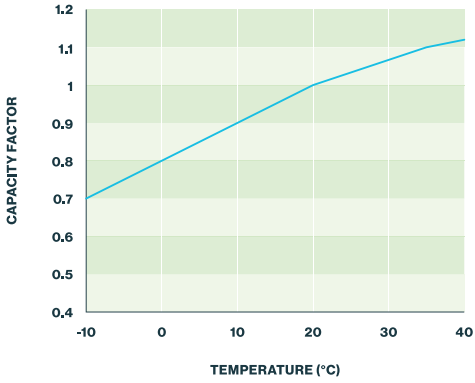
Dimensions and weight

Length	214 mm
Width	399 mm
Height (H1)	772 mm
Total height (H2)	785 mm
Dry weight	110.9 kg
Filled weight	150.7 kg

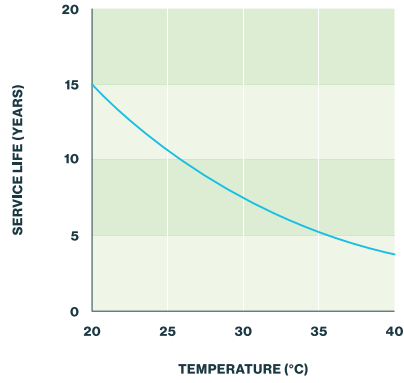


Compliant with IEC60896-11

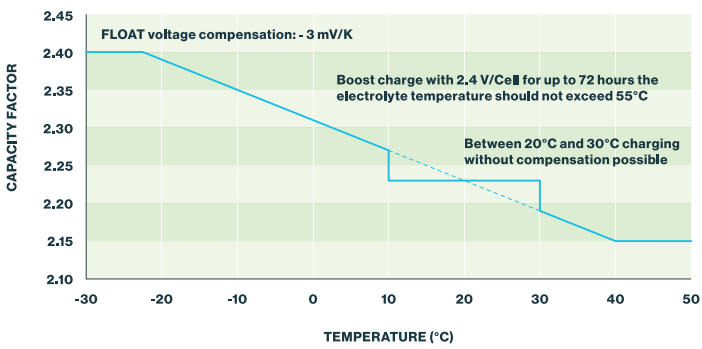
Capacity factor vs. Temperature - discharge current I_{10}



Service life vs. Temperature



Charging voltage vs. Temperature



Self discharge

