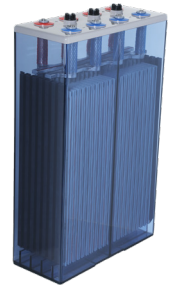


19 OPzS-ET 2375

(2V 2610Ah @ 10hr)



Performance characteristics

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

Nominal Capacity 20°C (68°F)

10 hour rate (261A, 1.8V)	2610Ah
5 hour rate (462A, 1.75V)	2310Ah
1 hour rate (1498A, 1.6V)	1498Ah

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)

2534A

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

Cycle use	2.40V (time limited)
Maximum charging current	880A
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	2467	2316	1951	1498	1003	732	517	345	282
1.65	2177	2061	1753	1370	957	711	506	342	282
1.70	1887	1805	1562	1231	895	679	489	337	280
1.75	1596	1533	1353	1083	819	635	462	326	273
1.80	1306	1254	1131	927	722	575	426	308	261
1.83	1122	1084	987	822	653	527	397	293	248
1.85	1000	969	892	752	606	496	379	282	240
1.87	873	849	785	671	549	455	354	266	228
1.90	684	669	627	550	466	395	318	240	209

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	4012	3797	3286	2554	1753	1312	949	647	536
1.65	3634	3460	3007	2369	1689	1283	935	644	536
1.70	3240	3106	2723	2160	1596	1237	920	636	534
1.75	2810	2705	2415	1939	1486	1173	867	620	523
1.80	2357	2270	2067	1695	1335	1075	807	589	504
1.83	2055	1991	1823	1521	1213	994	756	563	482
1.85	1852	1800	1660	1405	1138	939	724	546	469
1.87	1631	1585	1376	1260	1038	865	682	517	446
1.90	1300	1271	1196	1051	894	762	619	471	412

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

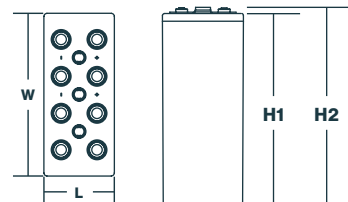
UPS Systems

Emergency Lighting

Electrical Switching

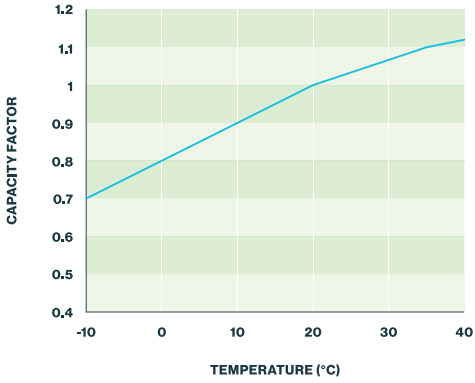
Dimensions and weight

Length	212 mm
Width	487 mm
Height (H1)	772 mm
Total height (H2)	785 mm
Dry weight	122.0 kg
Filled weight	172.0 kg

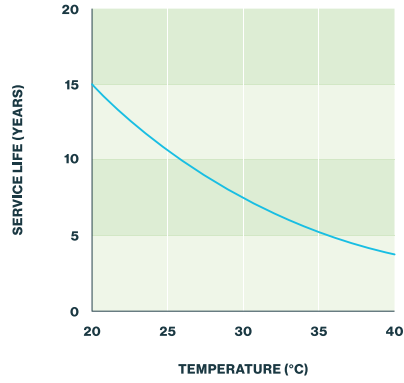


Compliant with IEC60896-11

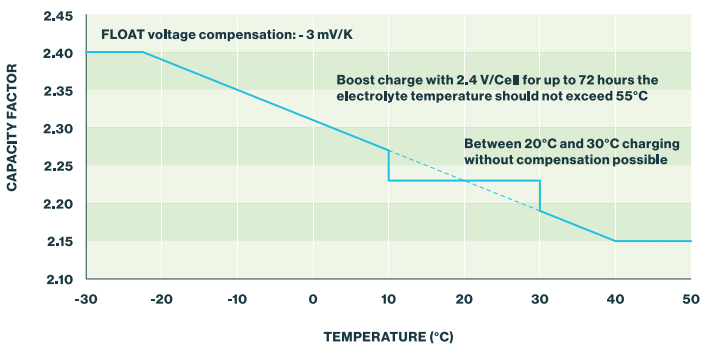
Capacity factor vs. Temperature - discharge current I_{10}



Service life vs. Temperature



Charging voltage vs. Temperature



Self discharge

