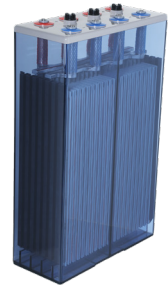


9 OPzS-ET 900

(2V 1035Ah @ 10hr)



Performance characteristics

Nominal Voltage	2V
Number of cells	1
Design Life	20 years
Nominal Capacity 20°C (68°F)	
10 hour rate (I04A, 1.8V)	1035Ah
5 hour rate (183A, 1.75V)	915Ah
1 hour rate (590A, 1.6V)	590Ah
Internal Resistance	
Fully Charged Battery 20°C (68°F)	0.29mOhm
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	1024	982	805	590	384	272	181	131	109
1.65	922	876	734	554	370	270	181	131	109
1.70	816	771	660	512	354	264	179	128	107
1.75	704	666	579	466	335	254	183	126	107
1.80	590	560	495	413	308	238	170	122	104
1.83	518	495	440	373	284	223	162	119	101
1.85	471	451	403	347	269	213	157	116	100
1.87	422	406	364	314	248	199	150	111	94
1.90	347	339	305	266	215	178	139	104	88

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	1681	1624	1371	1043	703	507	344	252	210
1.65	1549	1484	1269	986	683	505	344	252	210
1.70	1405	1337	1163	925	656	496	341	247	209
1.75	1247	1182	1043	854	624	478	337	244	207
1.80	1069	1020	907	767	578	451	326	237	201
1.83	956	914	816	699	538	425	314	230	197
1.85	876	842	755	654	511	408	305	227	195
1.87	789	763	687	597	474	384	292	218	187
1.90	660	647	585	512	416	346	272	204	174

Features

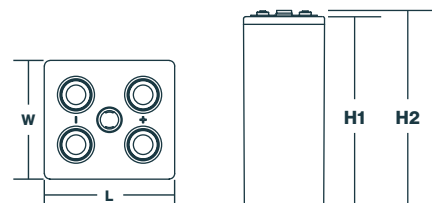
High energy density
Robust tubular positive electrode design, compliant with DIN 40736
Minimal maintenance due to low antimony alloy and large electrolyte volume
Operating temperature -20°C to +55°C
EUROBAT design life: Long Life > 12 years
Fully recyclable with low CO ₂ footprint

Applications

Telecommunications/ Mobile Phone Stations
Traffic Systems
UPS Systems
Emergency Lighting
Electrical Switching

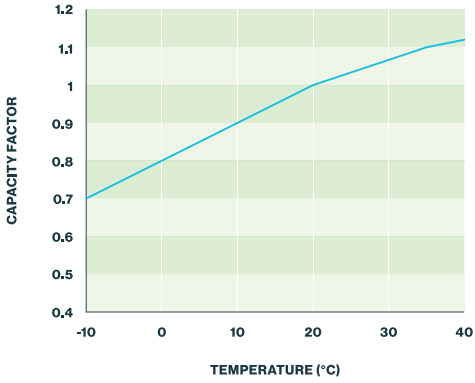
Dimensions and weight

Length	210 mm
Width	233 mm
Height (H1)	647 mm
Total height (H2)	660 mm
Dry weight	52.5 kg
Filled weight	71.5 kg

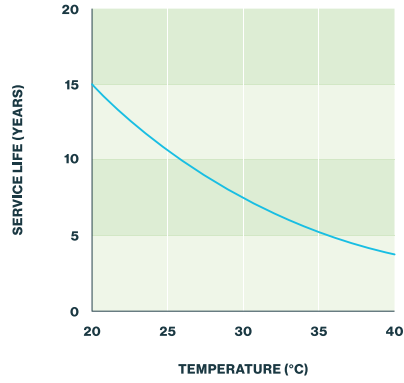


Compliant with IEC60896-11

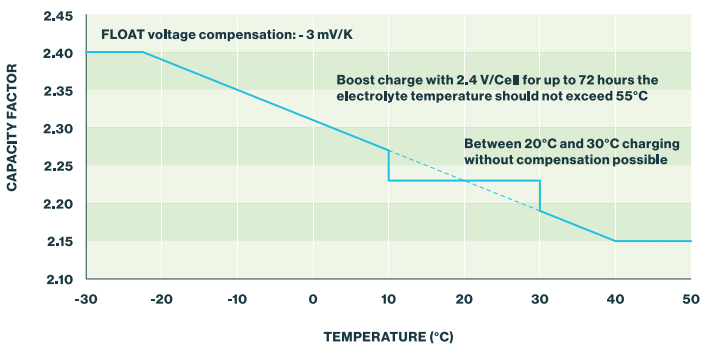
Capacity factor vs. Temperature - discharge current I_{10}



Service life vs. Temperature



Charging voltage vs. Temperature



Self discharge

