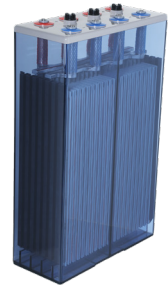


15 OPzS-ET 1875

(2V 2062.5Ah @ 10hr)



Performance characteristics

Nominal Voltage	2V
Number of cells	1
Design Life	20 years
Nominal Capacity 20°C (68°F)	
10 hour rate (206.3A, 1.8V)	2062.5Ah
5 hour rate (364.9A, 1.75V)	1823.4Ah
1 hour rate (1182.5A, 1.6V)	1182.5Ah
Internal Resistance	
Fully Charged Battery 20°C (68°F)	0.17mOhm
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)	2002.5A
Charge Methods: Constant Voltage Charge 20°C (68°F)	
Cycle use	2.40V (time limited)
Maximum charging current	825 A
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	1947.9	1828.8	1540.0	1182.5	792.0	577.5	407.9	272.3	222.8
1.65	1718.7	1627.1	1384.1	1081.7	755.3	561.0	399.7	270.4	222.8
1.70	1489.6	1425.4	1232.9	971.6	706.8	536.3	385.9	265.9	220.9
1.75	1260.4	1210.0	1067.9	855.3	646.2	501.4	364.9	257.6	215.4
1.80	1031.3	990.0	892.9	731.5	570.2	453.8	336.4	242.9	206.3
1.83	885.5	856.1	779.2	649.0	515.2	416.2	313.5	231.0	196.1
1.85	789.3	765.4	704.0	594.0	478.5	391.4	298.9	222.8	189.8
1.87	689.3	670.1	619.7	529.9	433.6	359.3	279.6	209.9	179.6
1.90	539.9	528.0	495.0	434.5	367.6	311.6	251.2	189.8	165.0

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	3167.1	2997.5	2594.2	2016.7	1384.1	1035.8	748.9	510.6	423.5
1.65	2869.1	2731.7	2374.1	1870.0	1333.8	1012.9	737.9	508.8	423.5
1.70	2557.5	2452.1	2149.6	1705.0	1260.4	976.2	726.0	502.3	421.7
1.75	2218.3	2135.8	1906.7	1530.8	1173.4	925.9	684.8	489.5	412.5
1.80	1860.8	1792.1	1631.6	1338.4	1054.1	848.8	637.1	464.7	397.9
1.83	1622.5	1572.1	1439.2	1200.8	957.9	784.7	596.7	444.6	380.4
1.85	1462.1	1420.9	1310.8	1109.2	898.3	741.6	572.0	430.9	370.3
1.87	1287.9	1251.3	1086.3	994.6	819.5	682.9	538.1	407.9	352.0
1.90	1026.7	1003.8	944.2	829.6	705.8	601.3	488.6	372.2	325.4

Features

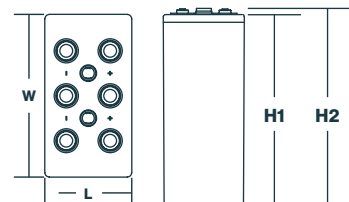
High energy density
Robust tubular positive electrode design, compliant with DIN 40736
Minimal maintenance due to low antimony alloy and large electrolyte volume
Operating temperature -20°C to +55°C
EUROBAT design life: Long Life > 12 years
Fully recyclable with low CO ₂ footprint

Applications

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

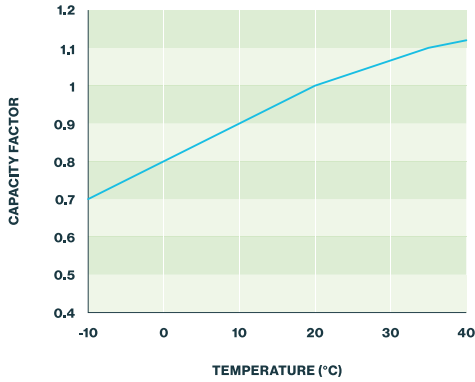
Dimensions and weight

Length	214 mm
Width	399 mm
Height (H1)	772 mm
Total height (H2)	785 mm
Dry weight	97.5 kg
Filled weight	142.5 kg

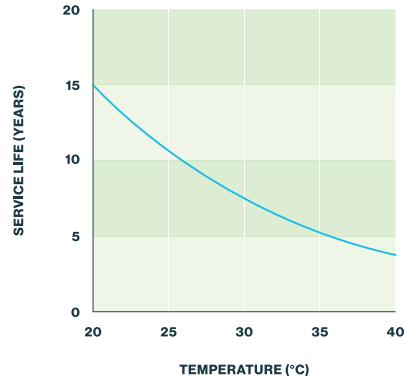


Compliant with IEC60896-11

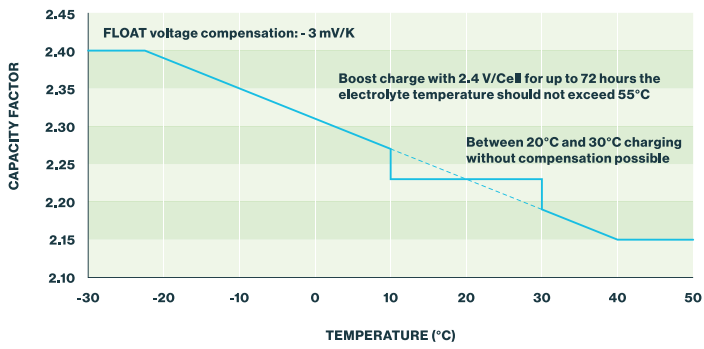
Capacity factor vs. Temperature - discharge current I_{10}



Service life vs. Temperature



Charging voltage vs. Temperature



Self discharge

