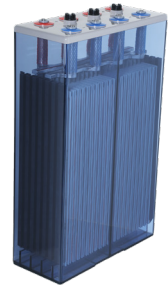


6 OPzS-ET 300

(2V 335Ah @ 10hr)



Performance characteristics

Nominal Voltage	2V
Number of cells	1
Design Life	20 years
Nominal Capacity 20°C (68°F)	
10 hour rate (33.5A, 1.8V)	335Ah
5 hour rate (60.5A, 1.75V)	302.5Ah
1 hour rate (187A, 1.6V)	187Ah
Internal Resistance	
Fully Charged Battery 20°C (68°F)	0.63mOhm
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)	
	539A
Charge Methods: Constant Voltage Charge 20°C (68°F)	
Cycle use	2.40V (time limited)
Maximum charging current	134A
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	468.6	403.9	288.4	186.6	120.9	91.8	61.8	41.7	34.9
1.65	431.5	376.3	276.7	181.3	119.8	91.2	62.1	41.7	34.9
1.70	388.0	344.5	261.9	176.0	117.7	89.9	61.5	41.7	34.9
1.75	338.2	307.4	239.6	167.5	114.5	87.6	60.5	41.3	34.6
1.80	284.1	259.7	211.0	154.8	109.2	83.8	58.2	39.6	33.5
1.83	244.9	227.9	190.8	144.2	103.2	79.7	55.7	38.7	32.8
1.85	222.6	206.7	177.0	137.8	99.3	77.0	54.0	38.1	32.2
1.87	197.2	185.5	161.1	128.3	93.7	72.8	51.6	36.8	30.7
1.90	160.1	153.7	137.8	114.5	85.2	66.7	48.1	34.8	28.6

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	767.5	670.0	491.9	328.6	221.6	170.7	117.7	80.3	67.4
1.65	725.1	637.1	479.2	324.4	220.5	170.7	117.7	80.3	67.4
1.70	668.9	597.9	461.2	318.0	217.3	168.6	116.6	80.3	67.4
1.75	599.0	547.0	431.5	306.4	214.1	165.4	115.6	79.8	66.9
1.80	515.2	473.9	386.9	286.2	204.6	159.0	112.4	77.0	65.2
1.83	454.8	420.9	354.1	270.3	195.1	151.6	108.1	75.5	63.9
1.85	414.5	385.9	331.8	258.7	188.7	147.4	104.7	74.4	63.1
1.87	371.0	348.8	305.3	243.8	179.2	139.9	100.6	72.1	60.4
1.90	305.3	293.7	265.0	219.4	165.4	129.3	94.5	68.7	56.5

Features

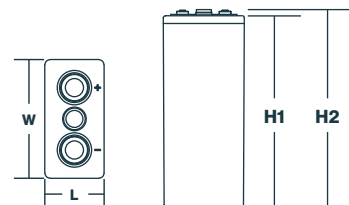
High energy density
Robust tubular positive electrode design, compliant with DIN 40736
Minimal maintenance due to low antimony alloy and large electrolyte volume
Operating temperature -20°C to +55°C
EUROBAT design life: Long Life > 12 years
Fully recyclable with low CO ₂ footprint

Applications

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

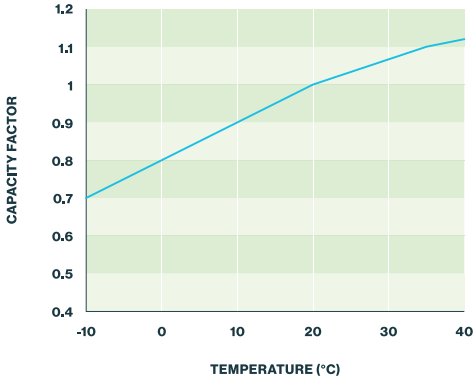
Dimensions and weight

Length	145 mm
Width	206 mm
Height (H1)	355 mm
Total height (H2)	368 mm
Dry weight	18.3 kg
Filled weight	25.2 kg

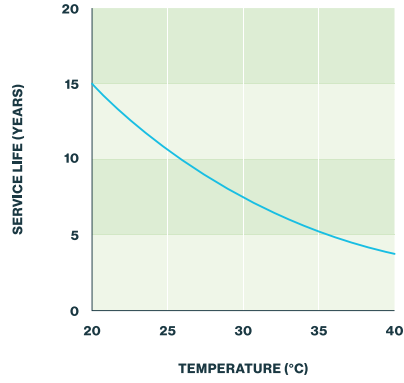


Compliant with IEC60896-11

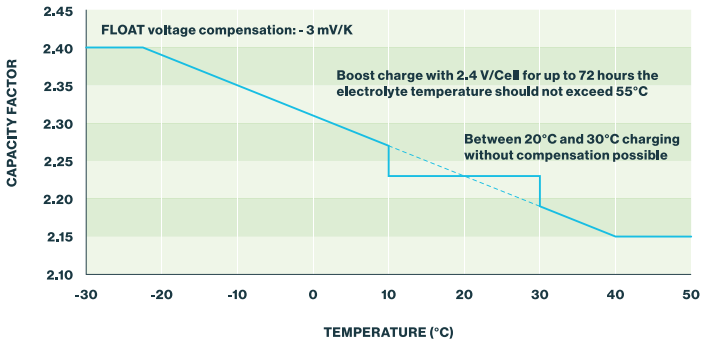
Capacity factor vs. Temperature - discharge current I_{10}



Service life vs. Temperature



Charging voltage vs. Temperature



Self discharge

