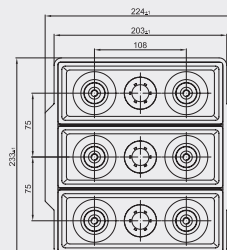
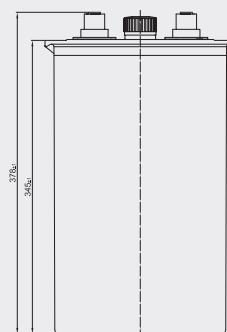


OPzS Monoblock 6V 3 OPzS 150

Technical Characteristics

Capacity (Ah), C ₁₀ (1.8 V/cell, 20 °C)	161
Plate Capacity (Ah), C ₁₀ (1.8 V/cell, 20 °C)	50
Number of plates (+) per cell	3
Content in Antimony of positive plates	≤1.65%
Nominal voltage (V)	6
Electrolyte density for fully charged state at 25 °C (gr/ml)	1.24
Floating voltage set point (V/cell)	2.23
Floating voltage tolerance from set point	+0.02 V (2.21-2.25)
Single cell floating voltage tolerance from set point	+0.1V-0.05 V (2.18-2.33)
Initial charge current (A)	15
End of charge Voltage (V/cell)	2.35 to 2.40
Recommended End of Discharge voltage for 10-hr rate (V/cell)	1.80
Recommended End of Discharge voltage for 1-hr rate (V/cell)	1.65
Short circuit current (A)	1728
Internal resistance (mOhm/cell)	1.20
Number of cycles at 60% depth of discharge	2000
Self-discharge rate per month	<2.5%
Efficiency factor (kWh)	85%
Efficiency factor (Ah)	95%
Dimensions in mm (LxWxH)	233x224x378
Weight:	
• Without electrolyte (kg)	29.8
• With electrolyte (kg)	41.2
Type and number of poles	M10 / 2



OPzS Monoblock 6V 3 OPzS 150

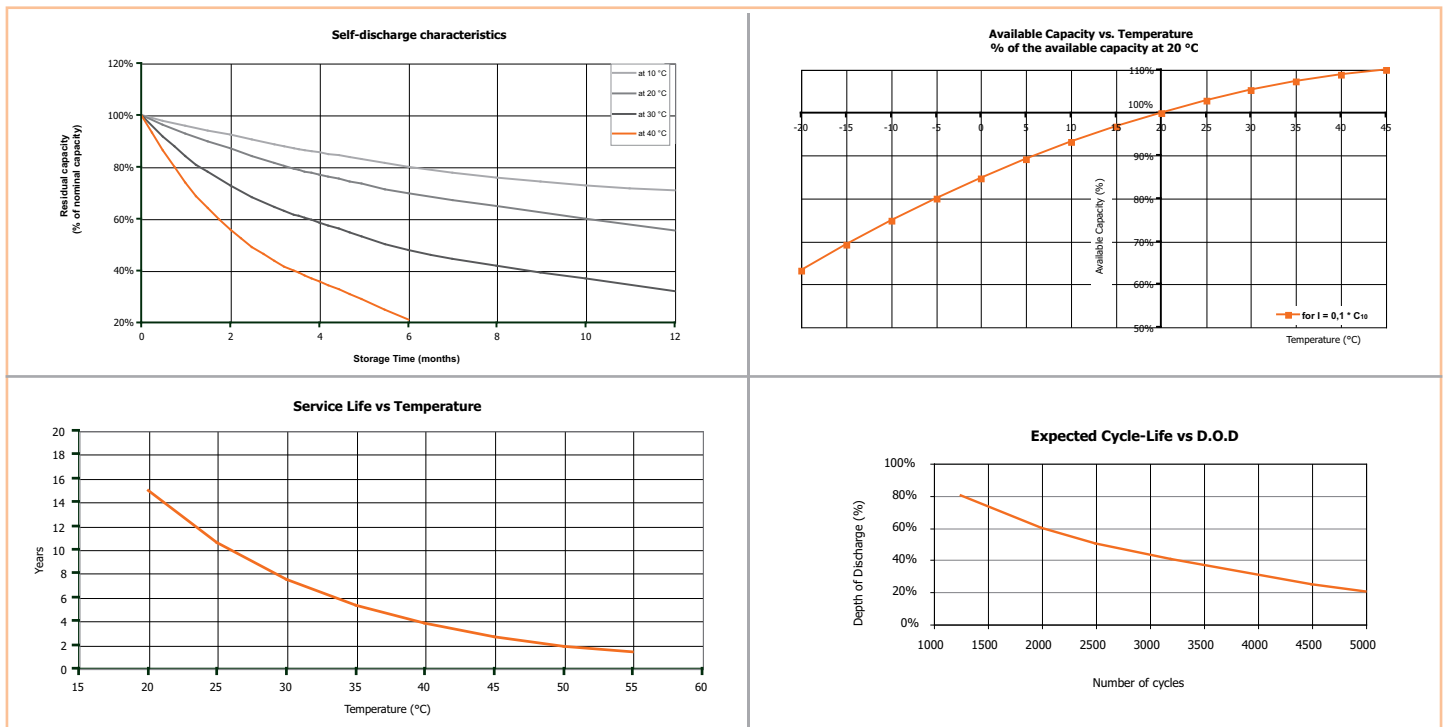
Constant Current Discharge in A/cell (at 20 °C)

Uend	Discharge Time												
	15 min	30 min	45 min	1 h	1.5 h	2 h	3 h	4 h	5 h	6 h	8 h	10 h	20 h
1.60 V	203.4	137.5	105.1	86.9	66.5	54.8	41.6	34.1	28.7	25.2	20.1	17.2	9.6
1.65 V	191.4	133.5	102.7	85.3	65.5	54.1	41.1	33.8	28.4	25.0	19.9	17.0	9.6
1.70 V	175.6	126.8	98.9	82.9	64.1	53.0	40.5	33.3	28.1	24.6	19.6	16.8	9.5
1.75 V	158.2	116.4	92.7	78.8	61.5	51.2	39.3	32.5	27.4	24.2	19.6	16.5	9.3
1.80 V	132.2	102.1	83.6	72.5	57.3	48.3	37.5	31.2	26.5	23.5	18.8	16.1	9.1
1.83 V	113.4	89.9	75.1	66.1	53.2	45.6	35.7	29.9	25.5	22.6	18.2	15.7	8.9
1.85 V	101.0	81.9	68.9	60.9	50.1	43.4	34.2	28.8	24.7	22.1	17.7	15.3	8.7
1.87 V	88.5	73.2	62.6	56.1	46.9	41.3	32.8	27.5	23.6	21.1	17.1	14.8	8.4
1.90 V	70.3	61.6	53.9	49.0	41.3	36.4	29.7	25.3	21.8	19.5	15.8	13.7	7.7

Constant Power Discharge in W/cell (at 20 °C)

Uend	Discharge Time												
	15 min	30 min	45 min	1 h	1.5 h	2 h	3 h	4 h	5 h	6 h	8 h	10 h	20 h
1.60 V	344.1	244.1	189.0	157.7	120.9	100.5	77.1	63.7	54.0	47.5	38.1	32.6	18.4
1.65 V	327.3	237.5	185.0	155.0	119.2	99.2	76.3	63.0	53.5	47.1	37.7	32.4	18.3
1.70 V	305.2	226.8	178.6	150.8	116.7	97.4	75.1	62.1	52.8	46.5	37.3	32.0	18.1
1.75 V	283.9	210.6	168.6	143.9	113.2	94.6	73.3	61.0	51.9	45.8	36.7	31.6	17.9
1.80 V	240.7	186.3	153.1	133.3	106.2	90.3	70.4	58.9	50.2	44.6	36.0	30.9	17.6
1.83 V	208.8	166.8	139.2	122.5	99.7	86.0	67.7	56.8	48.6	43.3	35.1	30.3	17.2
1.85 V	187.7	153.1	128.7	113.8	94.6	82.3	65.3	55.1	47.4	42.4	34.2	29.6	16.8
1.87 V	166.6	137.7	118.4	106.4	88.7	78.5	63.0	53.0	45.7	40.9	33.3	28.9	16.4
1.90 V	134.0	117.7	103.0	93.7	79.0	70.3	57.5	49.1	42.4	38.1	31.0	27.0	15.5

Diagrams



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