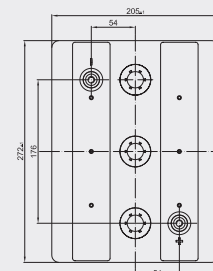
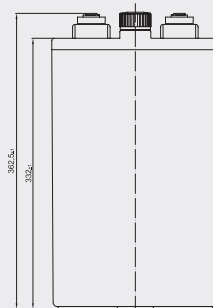


# OPzS Monoblock 6V 4 OPzS 200

## Technical Characteristics

Capacity (Ah), C <sub>10</sub> (1.8 V/cell, 20 °C)	206
Plate Capacity (Ah), C <sub>10</sub> (1.8 V/cell, 20 °C)	50
Number of plates (+) per cell	4
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)	20
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)	2227
Internal resistance (mOhm/cell)	0.93
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 cell in mm (LxWxH)	272x205x363
Weight:	
• Without electrolyte (kg)	35.2
• With electrolyte (kg)	47.1
Type and number of poles	M10 / 2



# OPzS Monoblock 6V 4 OPzS 200

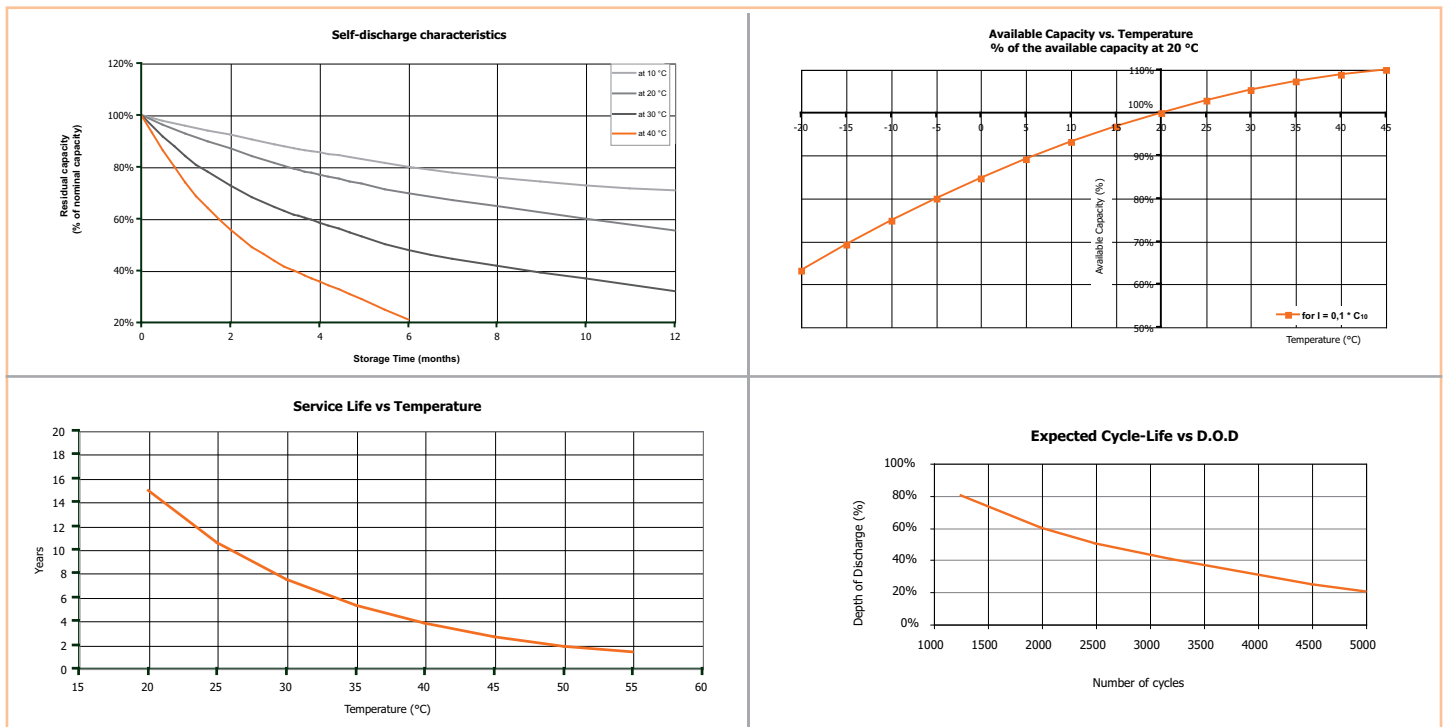
## Constant Current Discharge in A/cell (at 20 °C)

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	265.5	179.8	137.1	113.1	86.3	70.9	53.7	44.0	37.0	32.4	25.8	22.0	12.4
1.65 V	249.3	174.2	133.8	111.0	85.0	70.0	53.1	43.5	36.6	32.1	25.6	21.8	12.3
1.70 V	228.2	165.2	128.7	107.8	83.2	68.6	52.2	42.8	36.1	31.6	25.3	21.6	12.2
1.75 V	205.4	151.3	120.4	102.3	79.7	66.2	50.6	41.8	35.2	31.1	24.9	21.2	12.0
1.80 V	171.3	132.4	108.4	94.0	74.2	62.4	48.4	40.2	34.0	30.2	24.2	20.6	11.7
1.83 V	146.7	116.5	97.3	85.6	68.8	58.9	46.0	38.4	32.8	29.0	23.4	20.0	11.4
1.85 V	130.6	106.1	89.1	78.8	64.8	56.0	44.1	37.1	31.8	28.4	22.7	19.4	11.1
1.87 V	114.3	94.6	81.0	72.5	60.6	53.3	42.3	35.3	30.3	27.1	22.0	19.0	10.7
1.90 V	90.8	79.6	69.6	63.3	53.3	46.9	38.2	32.5	27.9	25.1	20.1	17.6	9.8

## 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	448.1	318.5	246.2	205.0	156.9	130.1	99.6	82.1	69.5	61.1	48.9	41.9	23.6
1.65 V	425.7	309.4	240.6	201.3	154.5	128.4	98.5	81.2	68.8	60.5	48.5	41.5	23.4
1.70 V	396.3	295.1	232.2	195.9	151.3	126.0	96.9	80.0	67.9	59.7	48.0	41.0	23.2
1.75 V	368.3	273.6	218.8	186.7	146.7	122.3	94.6	78.5	66.7	58.9	47.4	40.5	22.9
1.80 V	311.6	241.4	198.4	172.7	137.5	116.7	90.8	75.9	64.6	57.3	46.3	39.4	22.5
1.83 V	270.3	216.1	180.3	158.6	128.9	111.0	87.2	73.1	62.5	55.5	45.1	38.7	22.0
1.85 V	242.8	198.1	166.6	147.3	122.2	106.2	84.2	71.0	60.9	54.5	44.0	37.7	21.5
1.87 V	215.1	178.1	153.1	137.6	114.5	101.3	81.2	68.2	58.7	52.5	42.7	37.2	20.9
1.90 V	172.9	152.1	133.1	121.1	101.9	90.6	74.0	63.2	54.4	49.1	39.5	34.7	19.7

## Diagrams



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