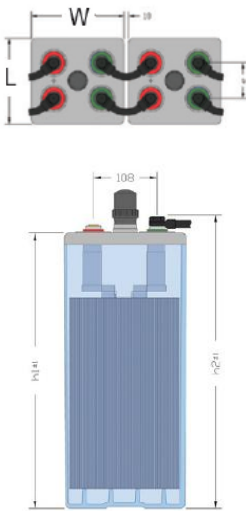


## 2V 12 RES OPzS 2225

Technical Characteristics	
Capacity (Ah), C120 (1,85 V/cell, 20°C)	2226
Capacity (Ah), C10 (1,80 V/cell, 20°C)	1629,9
Number of plates (+) per cell	12
Floating voltage set point (V/cell)	2,23
Maximum initial charge current (A)	0,3 C10
Recommended Boost Charge Voltage (V/cell)	2,40
Recommended End of Discharge voltage for 120-hr rate (V/cell)	1,85
Short circuit current (A)	9000
Internal resistance (mOhm/cell)	0,225
Number of cycles at 60% depth of discharge (20°C)	2300
Self-discharge rate per month at 20 °C	Approx. 2,5%
Dimensions in mm (LxWxH1/H2) H1 = Height to the lid H2 = Height to the pole	275 x 210 x 797 x 811
Weight (kg)	115
Type and number of poles	M10 / 4



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

Discharge Time											
End Voltage (V/cell)	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
<b>1,80 V</b>	162,99	141,74	94,20	81,00	44,63	43,04	31,02	22,92	19,32	14,02	9,90
<b>1,83 V</b>	154,71	135,02	90,55	78,06	43,39	41,87	30,28	22,43	18,93	13,76	9,73
<b>1,85 V</b>	147,64	129,15	87,15	75,29	42,17	40,71	29,55	21,95	18,55	13,51	9,56
<b>1,90 V</b>	124,00	109,22	75,02	65,21	37,36	36,11	26,50	19,87	16,88	12,39	8,84
<b>1,92 V</b>	111,94	98,93	68,58	59,81	34,68	33,54	24,76	18,65	15,87	11,69	8,37
<b>2,00 V</b>	50,14	47,81	35,80	31,95	19,90	19,33	14,71	11,35	9,78	7,35	5,36

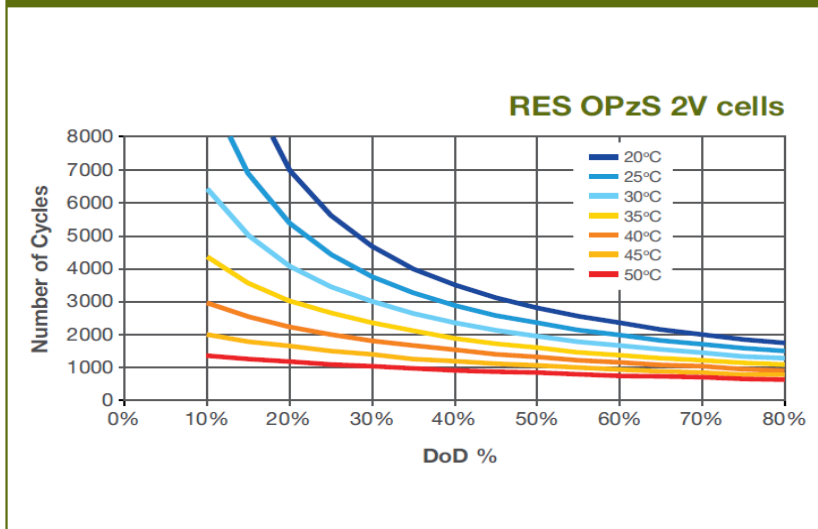
### Constant Power Discharge in W/cell (at 20°C)

Discharge Time											
End Voltage (V/cell)	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
<b>1,80 V</b>	303,84	265,49	178,72	154,32	86,36	83,37	60,57	45,08	38,14	27,86	19,80
<b>1,83 V</b>	289,75	253,99	172,33	149,18	84,17	81,30	59,25	44,20	37,44	27,39	19,50
<b>1,85 V</b>	277,58	243,82	166,36	144,29	82,00	79,22	57,94	43,33	36,75	26,93	19,20
<b>1,90 V</b>	236,15	208,66	144,63	126,15	73,22	70,83	52,35	39,50	33,66	24,86	17,85
<b>1,92 V</b>	214,57	190,14	132,90	116,26	68,25	66,07	49,09	37,20	31,76	23,54	16,96
<b>2,00 V</b>	98,81	94,21	71,14	63,54	40,02	38,87	29,77	23,11	19,97	15,09	11,06

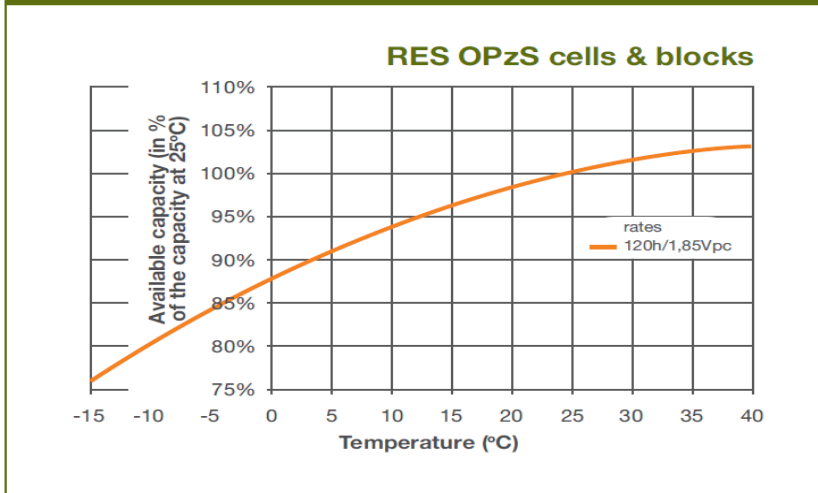
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### Expected Number of Cycles vs. DoD



### Capacity vs temperature



### Guidance for the Initial Low-voltage Disconnect Settings (25°C Reference Temperature)

