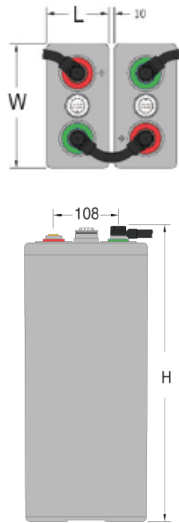


## 2V 5 RES OPzV 360

Technical Characteristics	
Capacity (Ah), C120 (1,85 V/cell, 20°C)	363
Capacity (Ah), C10 (1,80 V/cell, 20°C)	280
Number of plates (+) per cell	5
Floating voltage set point (V/cell)	2,25
Maximum initial charge current (A)	0,3 C10
Recommended Boost Charge Voltage (V/cell)	2,35
Recommended End of Discharge voltage for 120-hr rate (V/cell)	1,85
Short circuit current (A)	3040
Internal resistance (mOhm)	0,670
Number of cycles at 60% depth of discharge (20°C)	2500
Self-discharge rate per month at 20 °C	Approx. 2%
Dimensions in mm (LxWxH1/H2) H1 = Height to the lid H2 = Height including connectors & bolts	124 x 206 x 354 x 382
Weight (kg)	21,8
Type and number of poles	M10 / 2



\*All dimensions and weights shown are subject to manufacturing tolerances.

### 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>	28,00	24,13	15,73	13,46	7,33	7,07	5,09	3,76	3,17	2,31	1,64
<b>1,83 V</b>	26,91	23,22	15,20	13,02	7,12	6,87	4,95	3,67	3,10	2,25	1,60
<b>1,85 V</b>	25,93	22,40	14,70	12,61	6,92	6,68	4,82	3,58	3,02	2,20	1,57
<b>1,90 V</b>	22,68	19,65	13,00	11,18	6,20	5,99	4,35	3,24	2,74	2,01	1,43
<b>1,92 V</b>	21,03	18,25	12,13	10,45	5,83	5,63	4,10	3,06	2,60	1,90	1,36
<b>2,00 V</b>	12,34	10,87	7,52	6,57	3,83	3,71	2,75	2,09	1,77	1,30	0,91

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

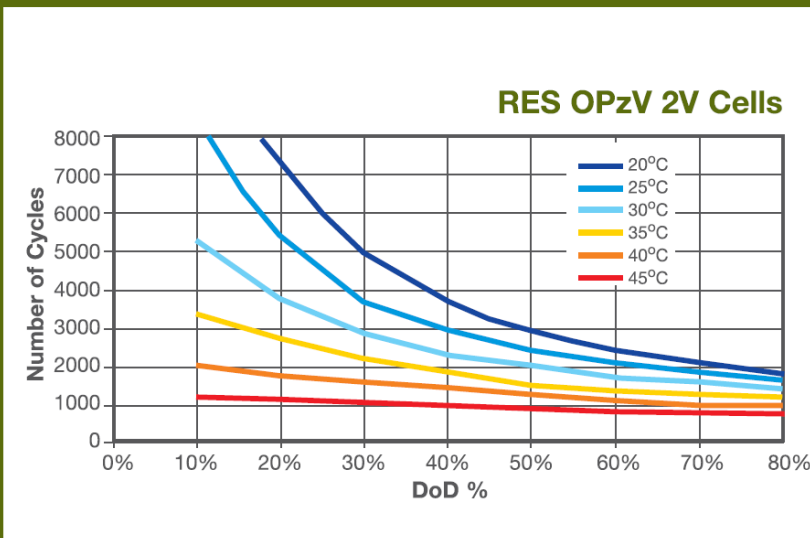
Discharge Time											
End Voltage (V/cell)	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
<b>1,80 V</b>	53,27	46,07	30,32	26,03	14,35	13,84	10,02	7,45	6,30	4,61	3,29
<b>1,83 V</b>	51,37	44,48	29,38	25,25	13,97	13,49	9,78	7,28	6,17	4,51	3,22
<b>1,85 V</b>	49,65	43,04	28,50	24,51	13,61	13,14	9,55	7,12	6,03	4,42	3,16
<b>1,90 V</b>	43,84	38,11	25,42	21,92	12,29	11,87	8,67	6,49	5,52	4,06	2,91
<b>1,92 V</b>	40,83	35,55	23,82	20,57	11,60	11,21	8,21	6,16	5,24	3,86	2,78
<b>2,00 V</b>	24,48	21,61	15,05	13,17	7,76	7,52	5,60	4,28	3,62	2,67	1,90

\*SYSTEMS SUNLIGHT reserves the right to change or revise without notice any information or detail given in this publication.

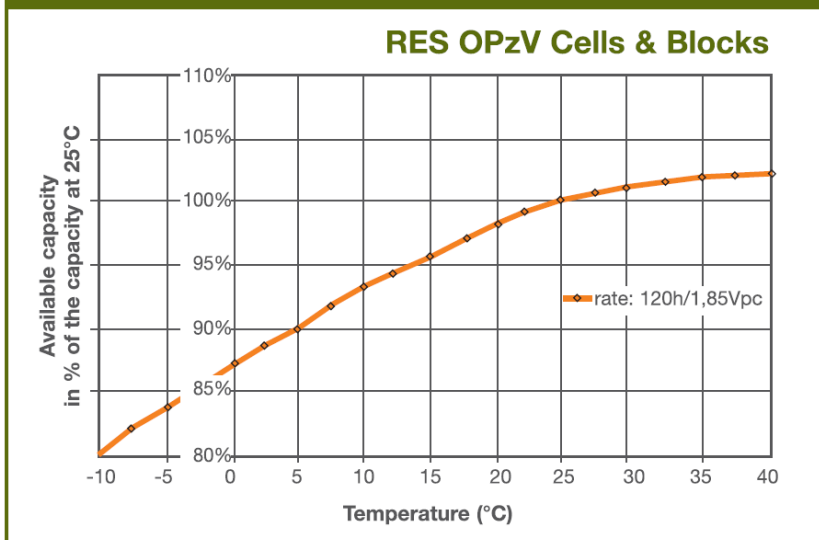
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### Expected Number of Cycles vs. DoD



### Capacity vs. Temperature



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

