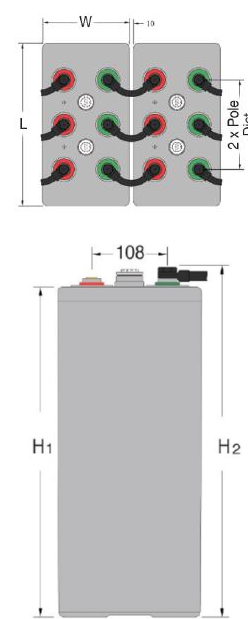


Technical Characteristics

Capacity (Ah), C120 (1,85 V/cell, 20°C)	2741
Capacity (Ah), C10 (1,80 V/cell, 20°C)	2002
Number of plates (+) per cell	14
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)	11350
Internal resistance (mOhm)	0,180
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	399 x 214 x 771 x 799
H2 = Height including connectors & bolts	
Weight (kg)	146,0
Type and number of poles	M10 / 6
Operating Temperature / Recommended Temperature	-20°C to 45°C / 10°C - 30°C



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

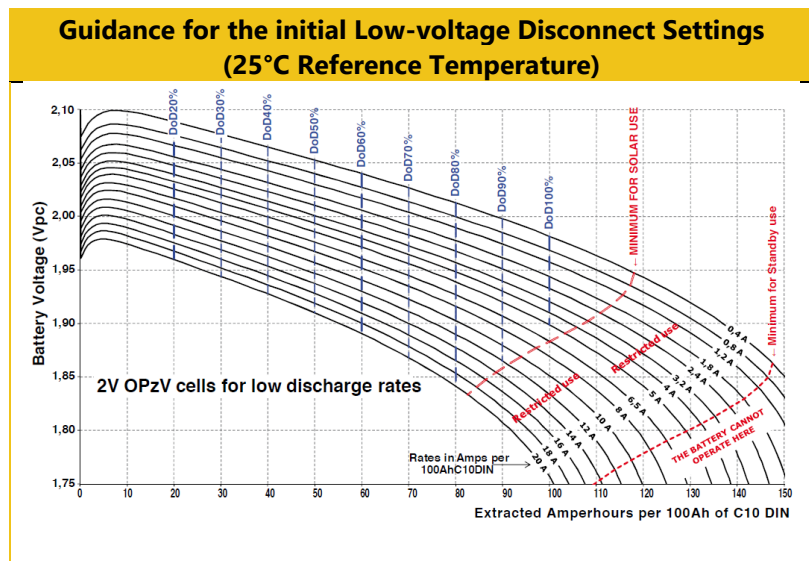
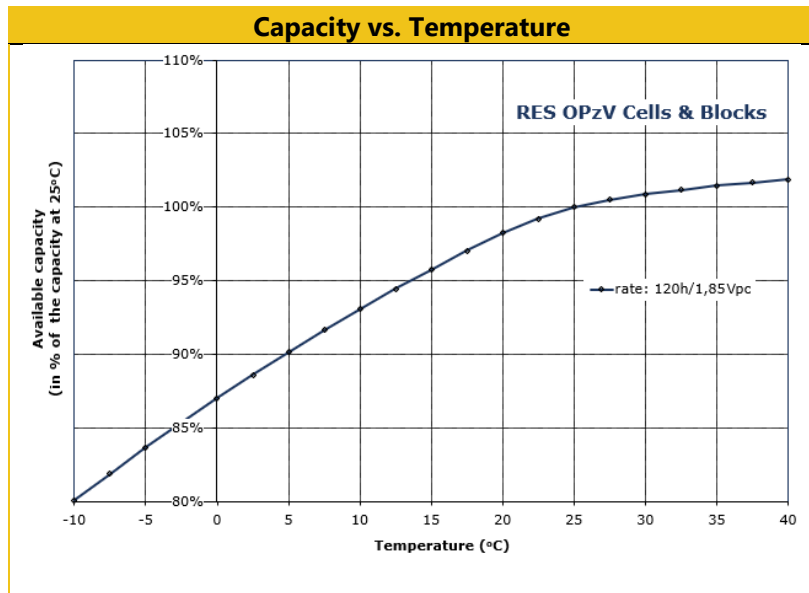
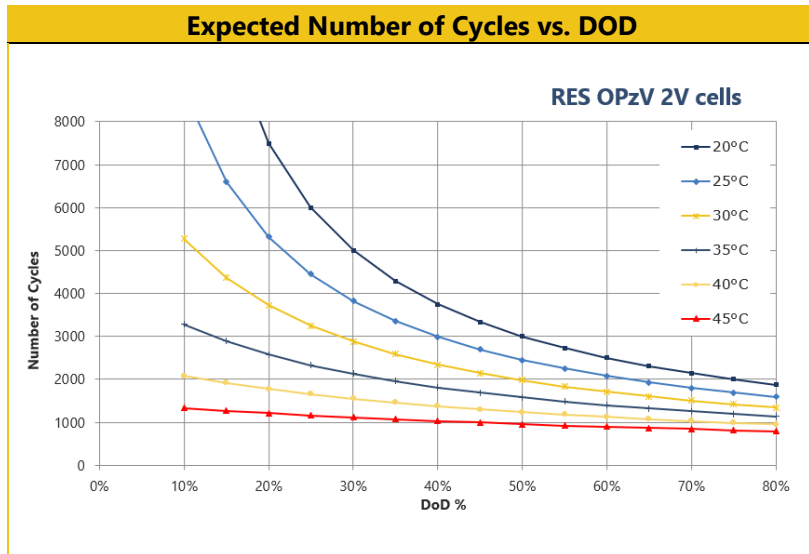
** Vertical installation is the default installation for RES OPzV cells. For horizontal installation special 'RES OPzV HP' cells are available upon customer request.

Constant Current Discharge in A (at 20°C)

End Voltage (V/cell)	Discharge Time										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	200,20	173,38	114,07	97,81	53,62	51,71	37,29	27,60	23,28	16,92	11,95
1,83 V	192,62	167,57	111,44	95,82	52,88	51,02	36,86	27,32	23,06	16,78	11,86
1,85 V	185,79	162,00	108,50	93,54	52,07	50,25	36,41	27,03	22,84	16,63	11,77
1,90 V	163,27	143,16	97,25	84,25	47,88	46,26	33,91	25,43	21,60	15,85	11,30
1,92 V	151,96	133,60	91,36	79,33	45,44	43,94	32,32	24,32	20,70	15,24	10,91
2,00 V	95,99	85,38	60,50	53,24	31,97	30,99	23,29	17,81	15,27	11,40	8,23

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

End Voltage (V/cell)	Discharge Time										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	384,84	334,75	222,60	191,50	106,19	102,48	74,32	55,28	46,77	34,16	24,24
1,83 V	371,33	324,30	217,81	187,88	104,87	101,24	73,56	54,78	46,37	33,89	24,07
1,85 V	359,23	314,35	212,45	183,70	103,37	99,83	72,73	54,26	45,97	33,63	23,90
1,90 V	318,74	280,30	191,88	166,67	95,60	92,44	68,09	51,27	43,65	32,18	23,02
1,92 V	298,06	262,71	180,96	157,52	91,05	88,07	65,10	49,18	41,95	31,02	22,28
2,00 V	192,37	171,38	122,01	107,57	65,08	63,11	47,63	36,56	31,41	23,53	17,05



*Sunlight Group reserves the right to change or revise without notice any information or detail given in this publication.