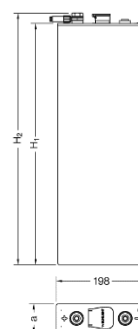


Technical Characteristics

Capacity (Ah), C120 (1,85 V/cell, 20°C)	503
Capacity (Ah), C10 (1,80 V/cell, 20°C)	348
Number of plates (+) per cell	4
Floating voltage set point (V/cell)	2,23
Recommended Boost Charge Voltage (V/cell)	2,40
Recommended End of Discharge voltage for 10-hr rate (V/cell)	1,80
Short circuit current (A)	2590
Internal resistance (mOhm/cell)	0,78
Number of cycles at 60% depth of discharge (20°C)	2000
Self-discharge rate per month at 20 °C	Approx. 2,5%
Dimensions in mm (LxWxH1/H2)	
H1 = Height to the lid	198 x 101 x 478 x 502
H2 = Height to the pole	
Weight (kg)	Wet: 23,3 / Dry: 15,4
Type of poles	M10
Recommended Temperature	10°C - 30°C



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

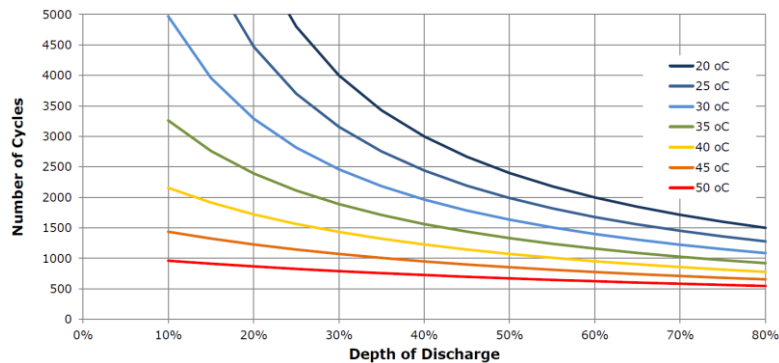
Constant Current Discharge in A (at 20°C)

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
1,80 V	34,8	30,3	20,3	17,5	9,79	9,46	6,88	5,13	4,34	3,18	2,27
1,83 V	33,5	29,2	19,7	17,0	9,57	9,24	6,74	5,03	4,27	3,13	2,24
1,85 V	32,3	28,2	19,1	16,5	9,34	9,02	6,59	4,94	4,19	3,08	2,21
1,90 V	28,0	24,6	16,8	14,6	8,38	8,11	5,98	4,51	3,85	2,85	2,05
1,92 V	25,6	22,5	15,5	13,5	7,84	7,59	5,62	4,26	3,64	2,70	1,95
2,00 V	13,1	11,7	8,53	7,59	4,70	4,56	3,49	2,69	2,32	1,73	1,24

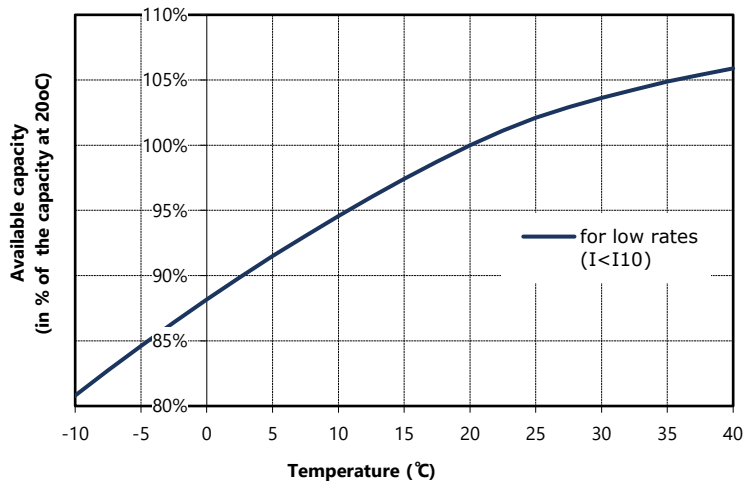
Constant Power Discharge in W/cell (at 20°C)

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
1,80 V	65,5	57,2	38,7	33,5	19,0	18,4	13,5	10,1	8,61	6,35	4,57
1,83 V	63,3	55,4	37,7	32,7	18,6	18,0	13,2	10,0	8,47	6,26	4,50
1,85 V	61,2	53,7	36,6	31,8	18,2	17,6	13,0	9,78	8,33	6,16	4,44
1,90 V	53,6	47,1	32,5	28,3	16,5	16,0	11,9	9,00	7,70	5,73	4,15
1,92 V	49,2	43,4	30,1	26,3	15,5	15,0	11,2	8,52	7,30	5,46	3,96
2,00 V	25,8	23,2	17,0	15,1	9,50	9,21	7,09	5,50	4,74	3,56	2,58

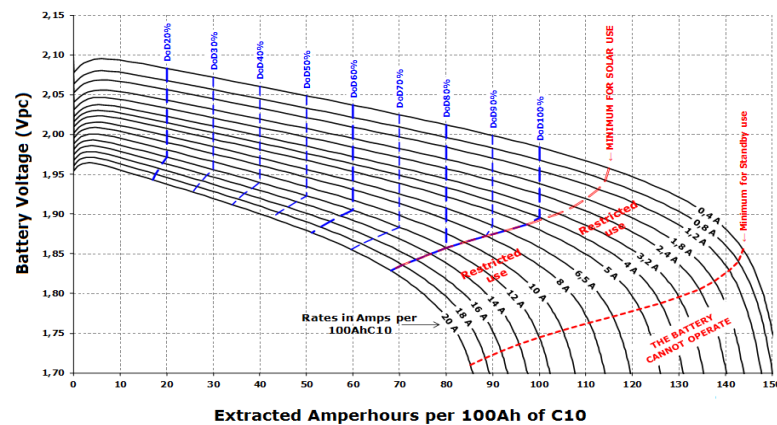
Expected Number of Cycles vs. DOD



Capacity vs. Temperature



Low-voltage Disconnect Settings



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