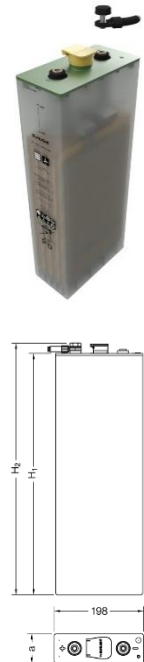


Technical Characteristics

Capacity (Ah), C120 (1,85 V/cell, 20°C)	969
Capacity (Ah), C10 (1,80 V/cell, 20°C)	711
Number of plates (+) per cell	6
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)	4560
Internal resistance (mOhm/cell)	0,44
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 137 x 613 x 637
H2 = Height to the pole	
Weight (kg)	Wet: 43,4 / Dry: 30,2
Type of poles	M10
Recommended Temperature	10°C - 30°C



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

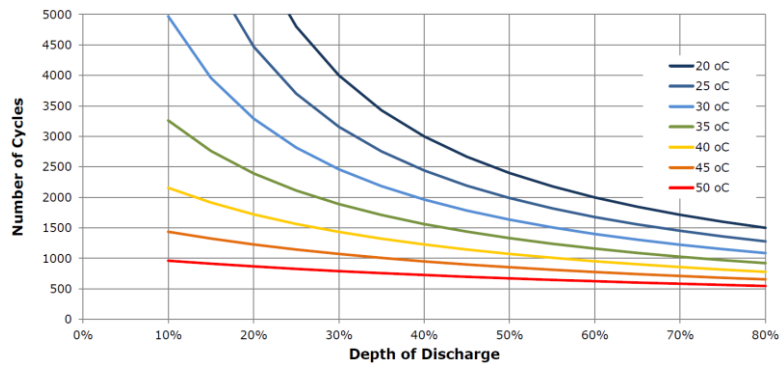
Constant Current Discharge in A (at 20°C)

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	71,1	61,7	41,0	35,2	19,4	18,7	13,5	10,0	8,38	6,07	4,29
1,83 V	67,7	59,0	39,4	34,0	18,9	18,2	13,2	9,75	8,23	5,97	4,23
1,85 V	64,8	56,5	37,9	32,8	18,4	17,7	12,9	9,56	8,08	5,88	4,17
1,90 V	54,5	47,8	32,7	28,4	16,3	15,8	11,6	8,72	7,41	5,45	3,89
1,92 V	49,1	43,3	29,9	26,1	15,2	14,7	10,9	8,23	7,01	5,18	3,72
2,00 V	24,5	22,2	16,5	14,8	9,34	9,07	6,92	5,35	4,65	3,48	2,42

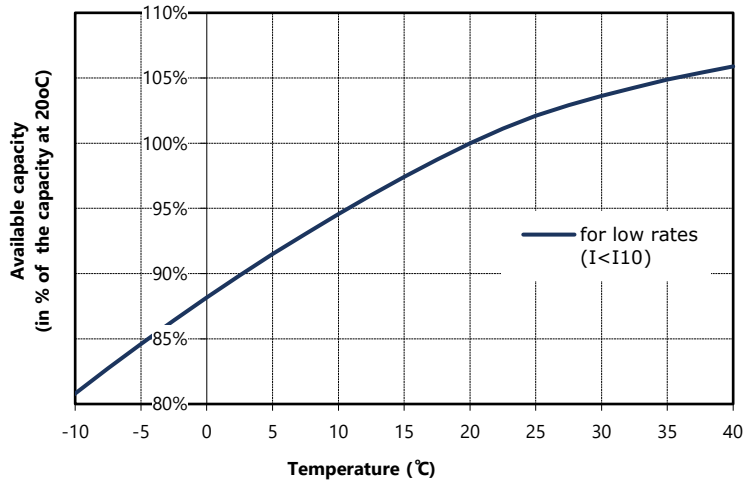
Constant Power Discharge in W/cell (at 20°C)

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	133	116	77,9	67,3	37,7	36,4	26,4	19,7	16,6	12,2	8,65
1,83 V	127	111	75,2	65,1	36,8	35,5	25,9	19,3	16,4	12,0	8,54
1,85 V	122	107	72,6	62,9	35,8	34,6	25,4	19,0	16,1	11,8	8,43
1,90 V	104	91,5	63,2	55,1	32,1	31,1	23,0	17,4	14,9	11,0	7,92
1,92 V	94,4	83,3	58,1	50,8	30,1	29,1	21,7	16,5	14,1	10,5	7,58
2,00 V	48,2	43,8	32,8	29,4	18,8	18,3	14,1	10,9	9,58	7,15	5,02

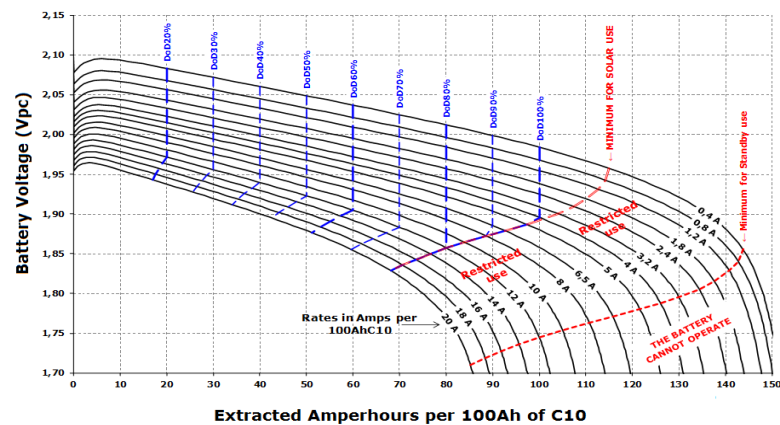
Expected Number of Cycles vs. DOD



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.