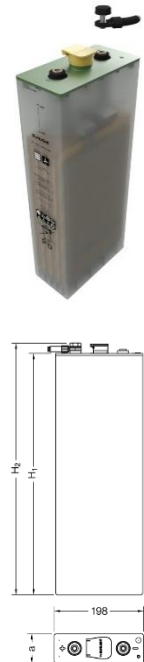


Technical Characteristics

Capacity (Ah), C120 (1,85 V/cell, 20°C)	860
Capacity (Ah), C10 (1,80 V/cell, 20°C)	622
Number of plates (+) per cell	5
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)	3890
Internal resistance (mOhm/cell)	0,52
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 119 x 613 x 637
H2 = Height to the pole	
Weight (kg)	Wet: 36,9 / Dry: 25,6
Type of poles	M10
Recommended Temperature	10°C - 30°C



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

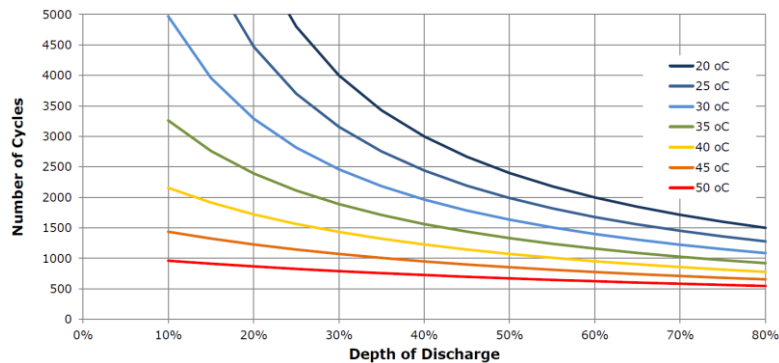
Constant Current Discharge in A (at 20°C)

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	62,2	54,1	36,0	31,0	17,2	16,5	11,9	8,81	7,42	5,39	3,81
1,83 V	59,4	51,8	34,7	30,0	16,7	16,1	11,7	8,65	7,29	5,31	3,76
1,85 V	57,0	49,7	33,5	28,9	16,3	15,7	11,4	8,48	7,17	5,22	3,71
1,90 V	48,3	42,5	29,1	25,3	14,5	14,1	10,3	7,77	6,60	4,85	3,47
1,92 V	43,8	38,6	26,7	23,3	13,6	13,1	9,72	7,34	6,26	4,62	3,32
2,00 V	22,0	19,9	14,8	13,2	8,33	8,10	6,21	4,80	4,15	3,09	2,20

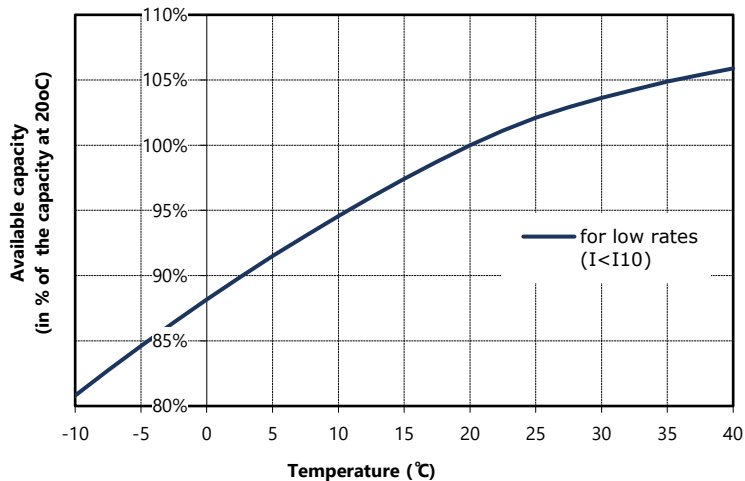
Constant Power Discharge in W/cell (at 20°C)

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	116	102	68,5	59,2	33,3	32,2	23,4	17,4	14,7	10,8	7,69
1,83 V	112	97,8	66,3	57,4	32,5	31,4	22,9	17,1	14,5	10,6	7,59
1,85 V	108	94,2	64,1	55,6	31,8	30,7	22,5	16,8	14,3	10,5	7,50
1,90 V	92,3	81,3	56,2	49,0	28,6	27,7	20,5	15,5	13,2	9,80	7,06
1,92 V	84,1	74,3	51,8	45,3	26,8	26,0	19,4	14,7	12,6	9,36	6,77
2,00 V	43,4	39,3	29,4	26,3	16,8	16,3	12,6	9,82	8,50	6,36	4,57

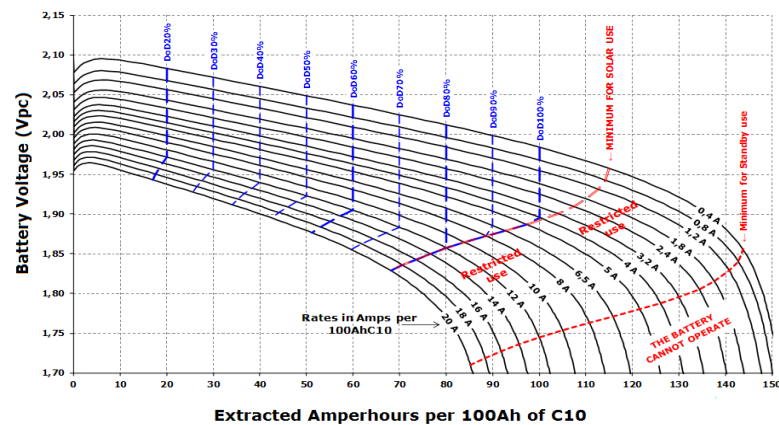
Expected Number of Cycles vs. DOD



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.