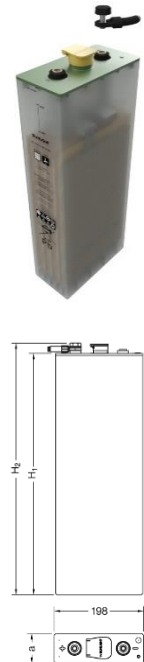


Technical Characteristics

Capacity (Ah), C120 (1,85 V/cell, 20°C)	392
Capacity (Ah), C10 (1,80 V/cell, 20°C)	269
Number of plates (+) per cell	3
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)	1980
Internal resistance (mOhm/cell)	1,02
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 83 x 478 x 502
H2 = Height to the pole	
Weight (kg)	Wet: 18,4 / Dry: 12,1
Type of poles	M10
Recommended Temperature	10°C - 30°C



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

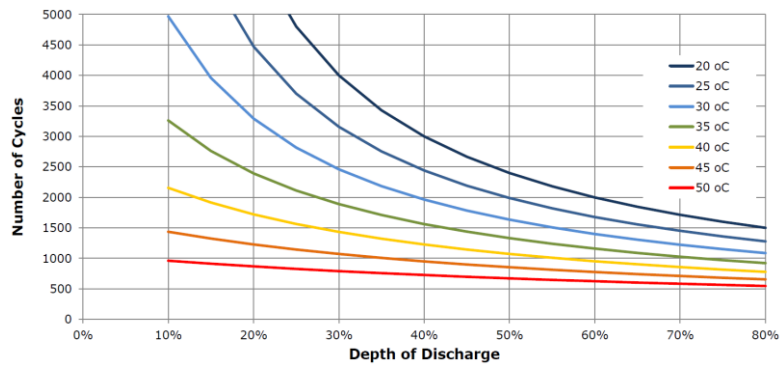
Constant Current Discharge in A (at 20°C)

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	26,9	23,5	15,7	13,6	7,61	7,35	5,35	3,99	3,38	2,48	1,77
1,83 V	26,0	22,7	15,3	13,2	7,45	7,20	5,25	3,92	3,32	2,44	1,74
1,85 V	25,2	22,0	14,9	12,9	7,28	7,04	5,14	3,85	3,27	2,40	1,72
1,90 V	22,0	19,3	13,2	11,5	6,57	6,36	4,68	3,53	3,00	2,22	1,60
1,92 V	20,2	17,8	12,2	10,6	6,16	5,96	4,40	3,33	2,84	2,11	1,52
2,00 V	10,5	9,43	6,79	6,01	3,69	3,57	2,71	2,09	1,79	1,33	0,96

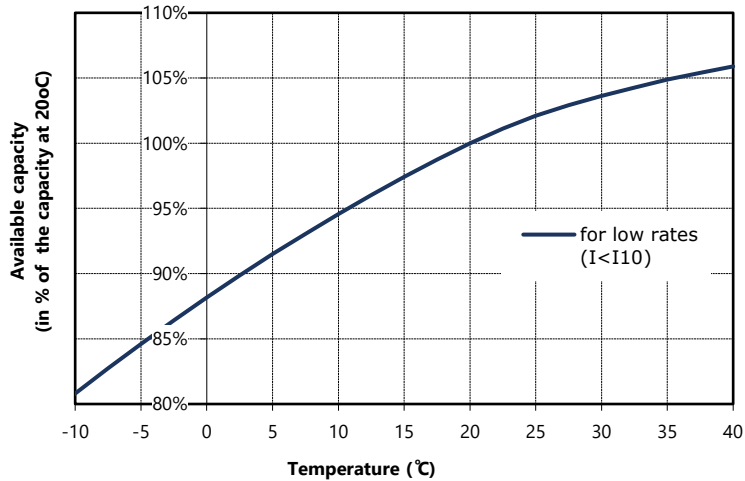
Constant Power Discharge in W/cell (at 20°C)

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	50,8	44,4	30,1	26,1	14,8	14,3	10,5	7,88	6,70	4,94	3,56
1,83 V	49,2	43,1	29,4	25,5	14,5	14,0	10,3	7,76	6,60	4,87	3,51
1,85 V	47,8	41,9	28,6	24,8	14,2	13,8	10,1	7,63	6,50	4,80	3,46
1,90 V	42,2	37,1	25,6	22,3	12,9	12,5	9,28	7,03	6,01	4,47	3,24
1,92 V	39,0	34,4	23,8	20,8	12,2	11,8	8,76	6,66	5,70	4,25	3,09
2,00 V	20,8	18,7	13,5	12,0	7,42	7,22	5,49	4,28	3,65	2,74	1,99

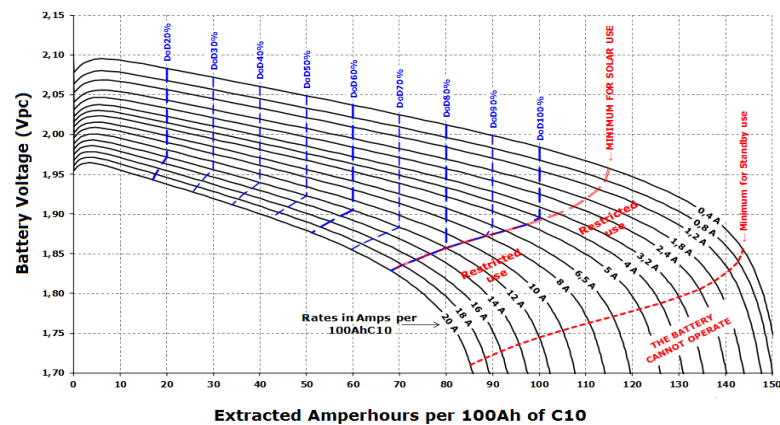
Expected Number of Cycles vs. DOD



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.