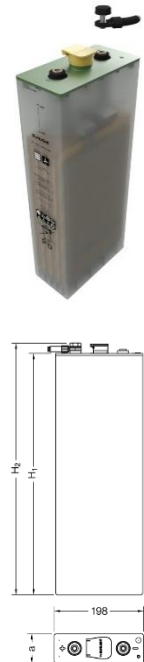


Technical Characteristics

Capacity (Ah), C120 (1,85 V/cell, 20°C)	1271
Capacity (Ah), C10 (1,80 V/cell, 20°C)	900
Number of plates (+) per cell	7
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)	5190
Internal resistance (mOhm/cell)	0,39
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 174 x 613 x 637
H2 = Height to the pole	
Weight (kg)	Wet: 51,6 / Dry: 35,0
Type of poles	M10
Recommended Temperature	10°C - 30°C



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

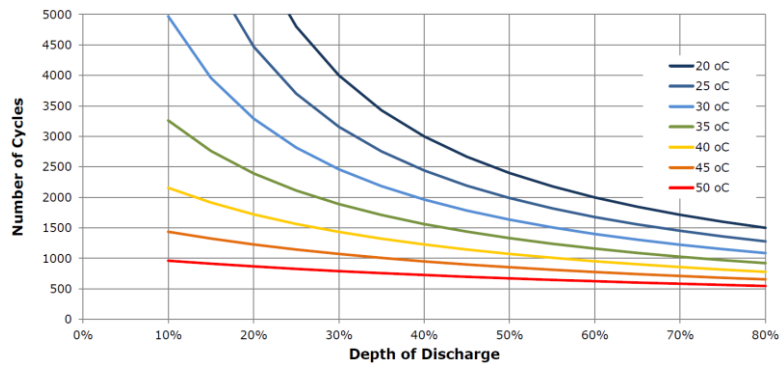
Constant Current Discharge in A (at 20°C)

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	90,0	78,4	52,4	45,2	25,1	24,2	17,5	13,0	10,9	7,94	5,63
1,83 V	86,1	75,2	50,6	43,7	24,5	23,7	17,2	12,7	10,8	7,83	5,56
1,85 V	82,5	72,2	48,9	42,3	23,9	23,1	16,8	12,5	10,6	7,73	5,49
1,90 V	70,1	61,7	42,5	37,0	21,5	20,8	15,3	11,6	9,83	7,25	5,19
1,92 V	63,5	56,1	39,1	34,2	20,1	19,5	14,5	11,0	9,36	6,94	4,99
2,00 V	32,3	29,3	22,0	19,8	12,7	12,3	9,52	7,45	6,40	4,81	3,54

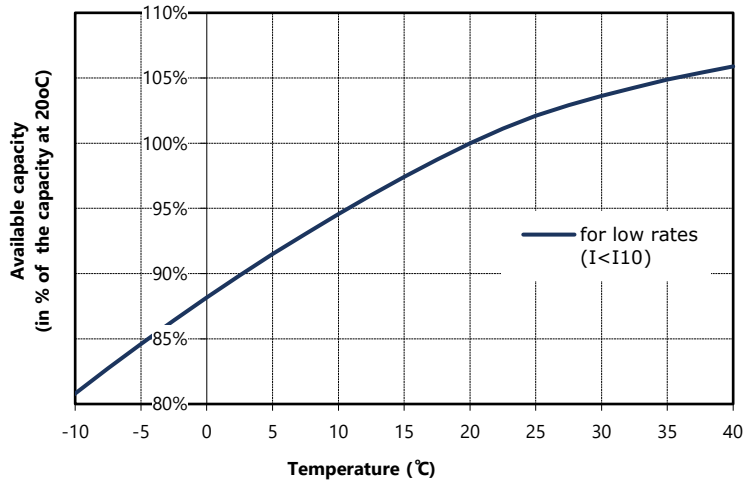
Constant Power Discharge in W/cell (at 20°C)

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	168	147	99,8	86,3	48,8	47,2	34,4	25,7	21,8	15,9	11,4
1,83 V	162	142	96,6	83,8	47,8	46,2	33,8	25,3	21,4	15,7	11,3
1,85 V	156	137	93,5	81,3	46,7	45,1	33,2	24,9	21,1	15,6	11,1
1,90 V	134	118	82,1	71,8	42,3	40,9	30,5	23,1	19,7	14,7	10,6
1,92 V	122	108	75,9	66,6	39,7	38,5	28,9	22,0	18,9	14,1	10,2
2,00 V	63,7	57,9	43,8	39,4	25,6	24,9	19,3	15,2	13,1	9,94	7,40

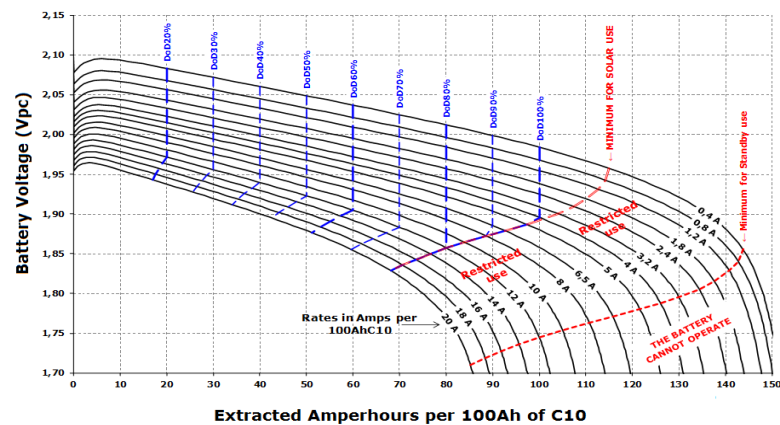
Expected Number of Cycles vs. DOD



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.