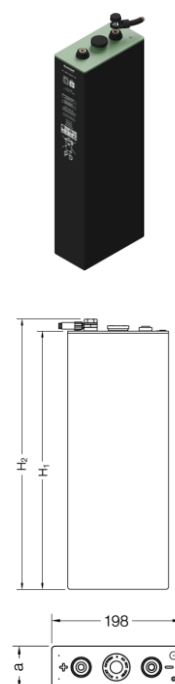


Technical Characteristics

Capacity (Ah), C120 (1,85 V/cell, 20°C)	150
Capacity (Ah), C10 (1,80 V/cell, 20°C)	119
Number of plates (+) per cell	2
Floating voltage set point (V/cell)	2,25
Recommended Boost Charge Voltage (V/cell)	2,35
Recommended End of Discharge voltage for 10-hr rate (V/cell)	1,80
Short circuit current (A)	1280
Internal resistance (mOhm/cell)	1,58
Number of cycles at 60% depth of discharge (20°C)	2000
Self-discharge rate per month at 20 °C	Approx. 2%
Dimensions in mm (LxWxH1/H2)	198 x 47 x 343 x 367
H1 = Height to the lid	
H2 = Height to the pole	
Weight (kg)	9,0
Type of poles	M10
Recommended Temperature	10°C - 30°C



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

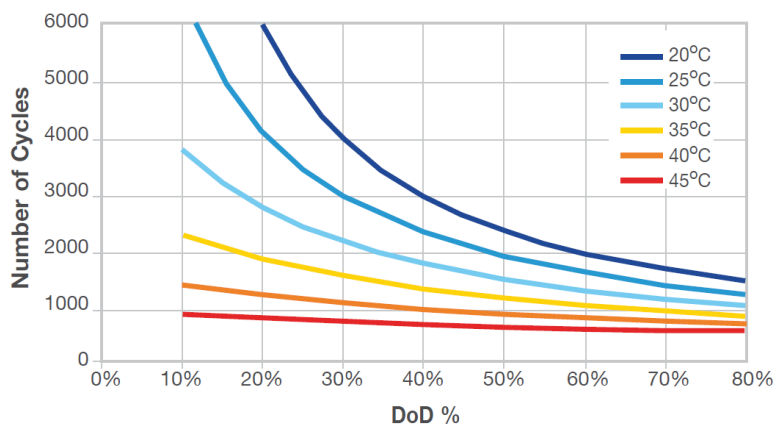
Constant Current Discharge in A (at 20°C)

End Voltage (V/cell)	Discharge Time											
	8h	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,70 V	15,0	12,4	10,6	6,85	5,83	3,13	3,01	2,16	1,59	1,34	0,97	0,69
1,80 V	14,4	11,9	10,2	6,60	5,63	3,02	2,91	2,08	1,54	1,29	0,94	0,67
1,83 V	14,0	11,6	10,0	6,45	5,50	2,96	2,86	2,05	1,51	1,27	0,92	0,66
1,85 V	13,6	11,3	9,75	6,31	5,39	2,91	2,80	2,01	1,48	1,25	0,91	0,65
1,90 V	12,2	10,2	8,82	5,75	4,92	2,68	2,58	1,86	1,38	1,16	0,85	0,61
1,92 V	11,5	9,64	8,32	5,45	4,67	2,55	2,46	1,78	1,32	1,11	0,82	0,58
2,00 V	7,75	6,57	5,72	3,82	3,30	1,85	1,79	1,31	0,98	0,83	0,62	0,45

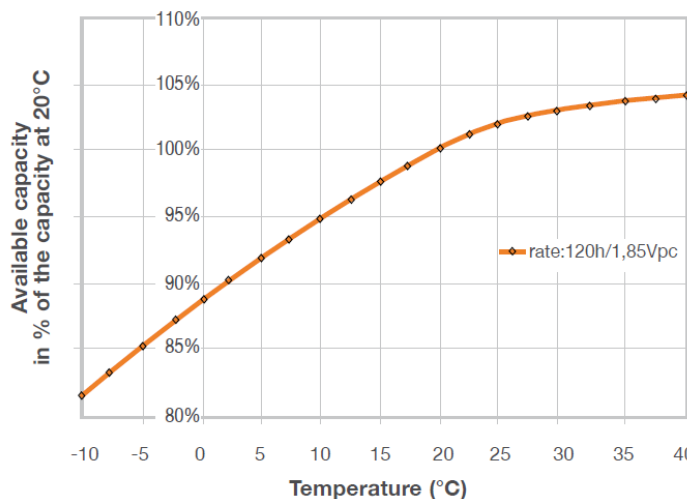
Constant Power Discharge in W/cell (at 20°C)

End Voltage (V/cell)	Discharge Time											
	8h	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,70 V	28,6	23,9	20,5	13,3	11,4	6,18	5,96	4,28	3,17	2,68	1,96	1,40
1,80 V	27,6	23,0	19,8	12,9	11,0	6,00	5,78	4,16	3,08	2,60	1,90	1,36
1,83 V	26,9	22,5	19,4	12,6	10,8	5,89	5,68	4,09	3,03	2,56	1,88	1,34
1,85 V	26,3	22,0	19,0	12,4	10,6	5,79	5,59	4,03	2,99	2,53	1,85	1,32
1,90 V	23,8	20,0	17,3	11,4	9,76	5,37	5,18	3,75	2,79	2,37	1,74	1,25
1,92 V	22,5	18,9	16,4	10,8	9,29	5,13	4,95	3,59	2,68	2,27	1,67	1,20
2,00 V	15,5	13,2	11,5	7,73	6,68	3,79	3,66	2,69	2,02	1,73	1,28	0,93

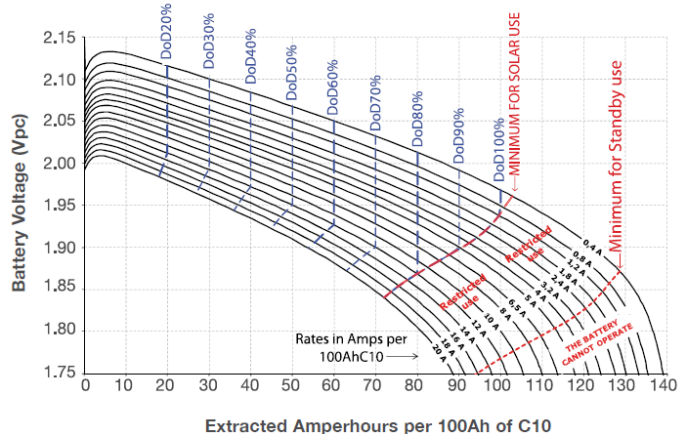
Expected Number of Cycles vs. DOD



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.