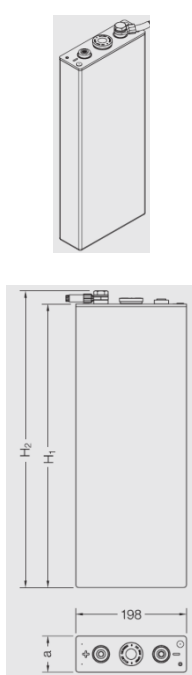


Technical Characteristics	
Capacity (Ah), C120 (1,85 V/cell, 20°C)	1360
Capacity (Ah), C10 (1,80 V/cell, 20°C)	1087
Number of plates (+) per cell	8
Floating voltage set point (V/cell)	2,25
Recommended Boost Charge Voltage (V/cell)	2,35
Recommended End of Discharge voltage for 10-hr rate (V/cell)	1,80
Short circuit current (A)	7500
Internal resistance (mOhm/cell)	0,27
Number of cycles at 60% depth of discharge (20°C)	2000
Self-discharge rate per month at 20 °C	Approx. 2%
Dimensions in mm(LxWxH1xH2) H1 = Height to the lid H2 = Height to the pole	198 x 155 x 713 x 740
Weight (kg)	68,1
Type of poles	M10
Recommended Temperature	10°C - 30°C



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	108,67	93,57	60,66	51,75	27,87	26,86	19,18	14,08	11,84	8,59	6,10
1,83 V	103,70	89,47	58,32	49,85	27,05	26,08	18,69	13,76	11,59	8,42	5,99
1,85 V	99,65	86,06	56,28	48,16	26,27	25,33	18,21	13,44	11,33	8,25	5,88
1,90 V	87,12	75,48	49,80	42,76	23,62	22,79	16,48	12,24	10,36	7,59	5,44
1,92 V	81,09	70,38	46,67	40,15	22,32	21,54	15,63	11,63	9,86	7,24	5,21
2,00 V	51,70	45,43	31,25	27,23	15,77	15,25	11,27	8,52	7,28	5,30	3,67

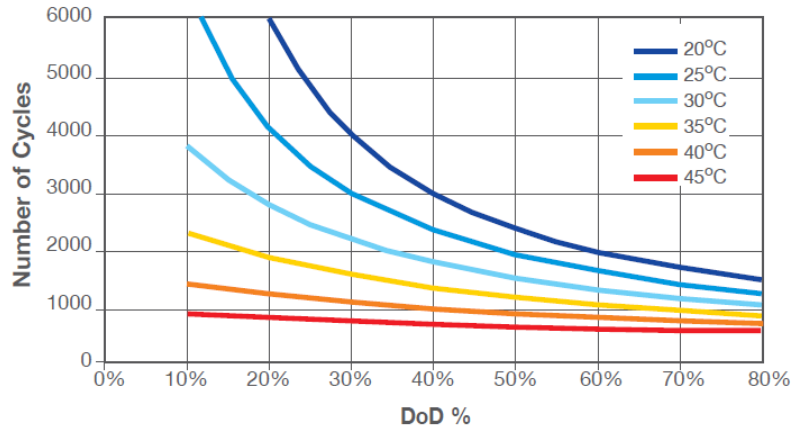
Constant Power Discharge in W/cell (at 20°C)

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	207,03	178,99	117,31	100,44	54,85	52,89	38,05	28,12	23,73	17,31	12,37
1,83 V	198,43	171,85	113,18	97,09	53,39	51,50	37,17	27,54	23,27	17,00	12,17
1,85 V	191,35	165,88	109,55	94,08	51,99	50,17	36,30	26,96	22,81	16,70	11,98
1,90 V	169,09	146,99	97,85	84,29	47,14	45,52	33,13	24,74	21,00	15,47	11,16
1,92 V	158,18	137,71	92,10	79,47	44,72	43,19	31,53	23,60	20,06	14,81	10,71
2,00 V	103,09	90,79	62,87	54,93	32,16	31,12	23,14	17,57	15,05	10,96	7,67

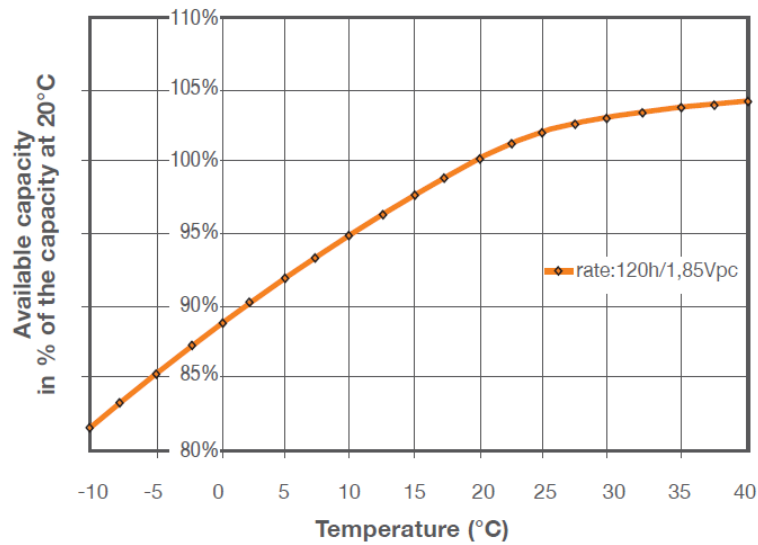
SYSTEMS SUNLIGHT S.A.

Headquarters 2 Ermou & Nikis Str., Syntagma Square, 105 63 Athens, Attica, Greece **T** +30 210 6245400 **F** +30 210 6245409
European Manufacturing Plant Neo Olvio, 672 00 Xanthi, Greece **T** +30 25410 48100 **F** +30 25410 95446
Global Service Department 366 Tatoiou Str., 136 73 Acharnes, Attica, Greece **T** +30 210 6245600 **F** +30 210 6245619

Expected Number of Cycles vs. DoD



Capacity vs. Temperature



Low Voltage Disconnect Setting

