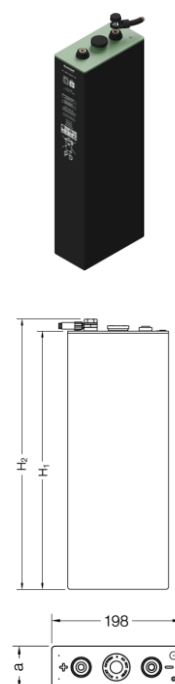


### Technical Characteristics

|                                                              |                       |
|--------------------------------------------------------------|-----------------------|
| Capacity (Ah), C120 (1,85 V/cell, 20°C)                      | 710                   |
| Capacity (Ah), C10 (1,80 V/cell, 20°C)                       | 573                   |
| Number of plates (+) per cell                                | 5                     |
| 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)                                    | 4740                  |
| Internal resistance (mOhm/cell)                              | 0,43                  |
| 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 101 x 568 x 592 |
| H1 = Height to the lid                                       |                       |
| H2 = Height to the pole                                      |                       |
| Weight (kg)                                                  | 35,3                  |
| Type of poles                                                | M10                   |
| Recommended Temperature                                      | 10°C - 30°C           |



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

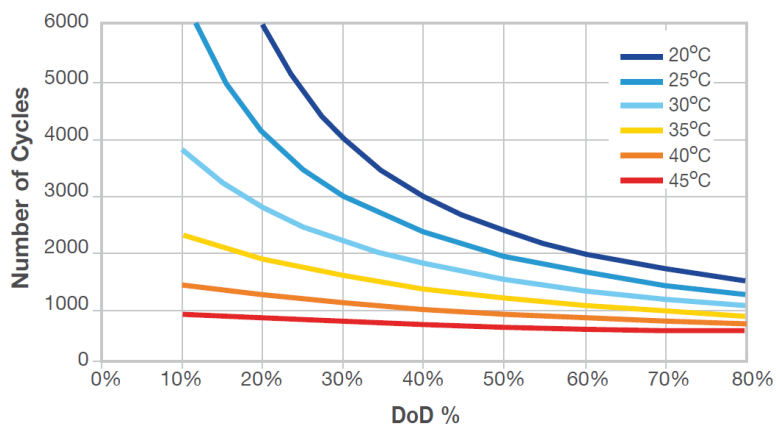
### Constant Current Discharge in A (at 20°C)

| End Voltage<br>(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 |
| <b>1,70 V</b>           | 72,6           | 60,3 | 51,7 | 33,2 | 28,2 | 15,1 | 14,5 | 10,3 | 7,56  | 6,34  | 4,59  | 3,25  |
| <b>1,80 V</b>           | 68,7           | 57,3 | 49,2 | 31,8 | 27,1 | 14,5 | 14,0 | 10,0 | 7,32  | 6,15  | 4,46  | 3,16  |
| <b>1,83 V</b>           | 65,9           | 55,1 | 47,4 | 30,8 | 26,3 | 14,2 | 13,7 | 9,76 | 7,17  | 6,03  | 4,38  | 3,11  |
| <b>1,85 V</b>           | 63,5           | 53,2 | 45,8 | 29,8 | 25,5 | 13,8 | 13,3 | 9,54 | 7,02  | 5,92  | 4,30  | 3,06  |
| <b>1,90 V</b>           | 56,1           | 47,1 | 40,7 | 26,7 | 22,9 | 12,5 | 12,1 | 8,70 | 6,44  | 5,44  | 3,98  | 2,85  |
| <b>1,92 V</b>           | 52,5           | 44,2 | 38,2 | 25,2 | 21,6 | 11,9 | 11,5 | 8,28 | 6,14  | 5,19  | 3,80  | 2,73  |
| <b>2,00 V</b>           | 34,5           | 29,4 | 25,7 | 17,4 | 15,1 | 8,56 | 8,27 | 6,07 | 4,56  | 3,88  | 2,88  | 2,10  |

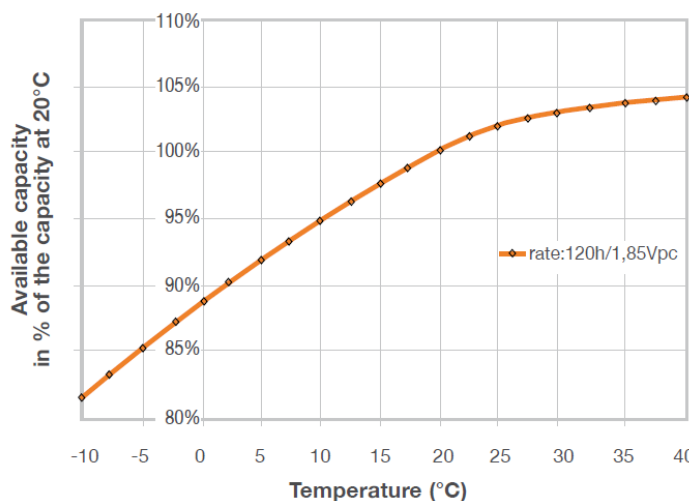
### Constant Power Discharge in W/cell (at 20°C)

| End Voltage<br>(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 |
| <b>1,70 V</b>           | 138            | 115  | 99,0 | 64,2 | 54,8 | 29,7 | 28,6 | 20,5 | 15,1  | 12,7  | 9,24  | 6,59  |
| <b>1,80 V</b>           | 131            | 110  | 94,7 | 61,8 | 52,9 | 28,7 | 27,7 | 19,9 | 14,7  | 12,4  | 9,01  | 6,43  |
| <b>1,83 V</b>           | 126            | 106  | 91,6 | 60,0 | 51,4 | 28,1 | 27,1 | 19,5 | 14,4  | 12,2  | 8,87  | 6,34  |
| <b>1,85 V</b>           | 122            | 103  | 88,8 | 58,4 | 50,0 | 27,5 | 26,5 | 19,1 | 14,1  | 11,9  | 8,73  | 6,25  |
| <b>1,90 V</b>           | 109            | 91,8 | 79,6 | 52,7 | 45,3 | 25,1 | 24,2 | 17,5 | 13,1  | 11,1  | 8,13  | 5,85  |
| <b>1,92 V</b>           | 102            | 86,5 | 75,1 | 49,9 | 42,9 | 23,9 | 23,1 | 16,7 | 12,5  | 10,6  | 7,80  | 5,62  |
| <b>2,00 V</b>           | 68,8           | 58,7 | 51,5 | 35,1 | 30,5 | 17,5 | 16,9 | 12,5 | 9,4   | 8,05  | 6,00  | 4,39  |

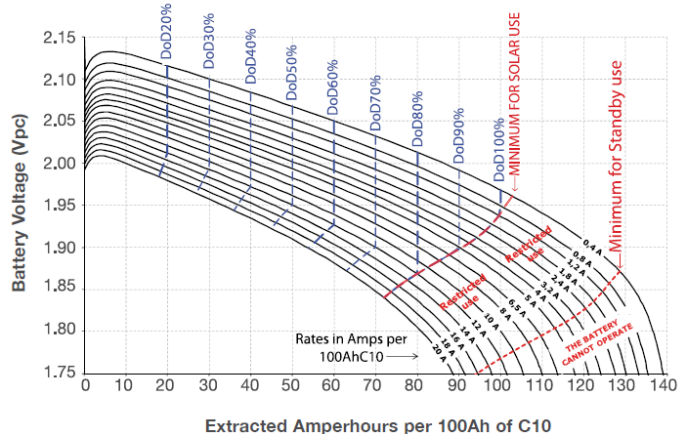
### Expected Number of Cycles vs. DOD



### 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.