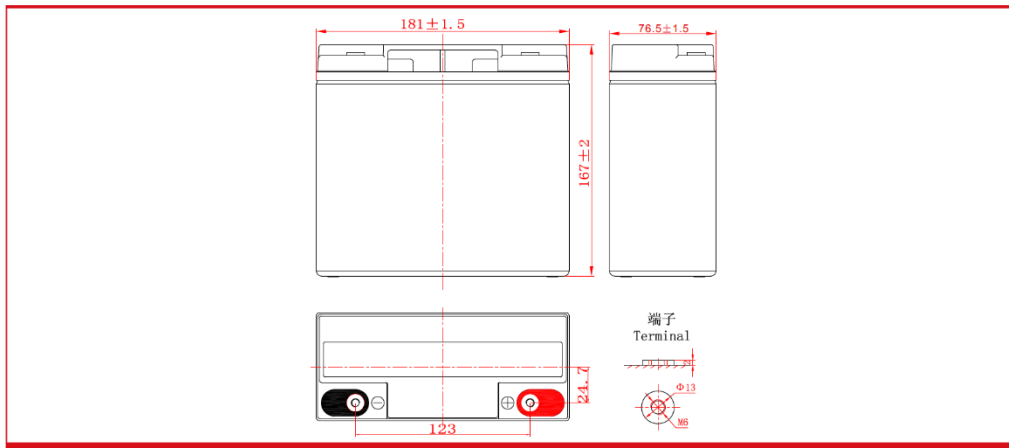




Maxlink batteries use high purity raw materials and low density electrolyte to make the batteries have good cycle performance and low self-discharge rate. It is suitable for UPS, solar & wind energy, telecom system, electric power system.

Cells per unit:	6
Voltage per unit:	12
Capacity:	20Ah @ 20hr-rate to 1.75V per cell @25°C (77°F)
Weight:	Approx. 5.45kg
Maximum discharge current:	300A (5sec)
Internal resistance:	Approx. 11 mΩ
Operating temperature range:	Discharge -15°C ~ 50°C
	Charge -15°C ~ 40°C
	Storage -15°C ~ 40°C
Nominal operating temp. range:	25°C +/- 3°C
Float charging voltage:	13.5 to 13.8VDC / unit, average at 25°C
Recommended max. charging current limit:	6A
Equalization and cycle service:	14.4 to 15VDC / unit, average at 25°C
Self discharge:	Can be stored for more than 6 months at 25°C, please charge batteries before using.
Connector:	2x M6
Battery Dimensions:	167 x 181 x 76 mm +/- 2mm



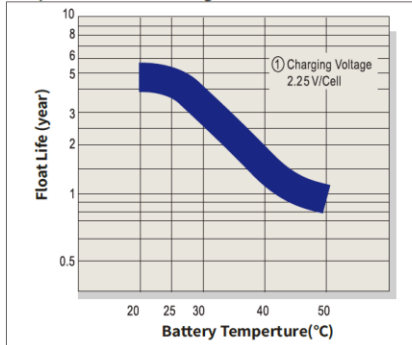
(A)25°C Constant Current Discharge

FV/Time	5min	15min	30min	1h	3h	5h	10h	20h
1.60V	65.8	36.9	21.3	12.2	5.05	3.48	1.90	1.02
1.67V	64.6	36.3	21.1	11.8	5.02	3.66	1.90	1.02
1.70V	62.5	35.1	20.8	11.7	4.98	3.60	1.89	1.01
1.75V	59.4	33.5	20.3	11.5	4.95	3.51	1.87	1.00
1.80V	53.2	31.1	19.5	11.2	4.77	3.38	1.82	0.978
1.85V	41.5	26.2	18.1	10.8	4.43	3.26	1.72	0.942

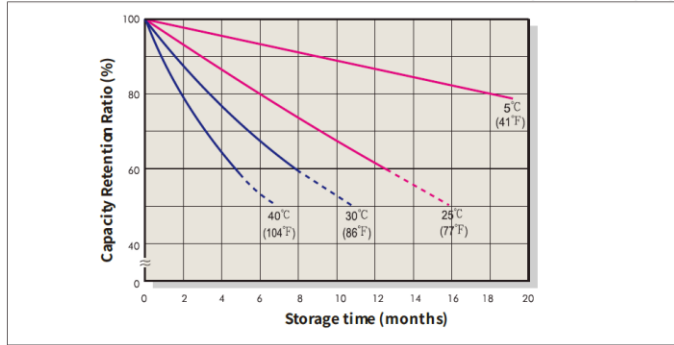
(W/cell)25°C Constant Power Discharge

FV/Time	5min	15min	30min	1h	3h	5h	10h	20h
1.60V	137.4	87.7	50.7	27.6	12.3	8.21	4.63	2.50
1.67V	131.1	83.2	50.3	27.3	12.3	8.17	4.60	2.49
1.70V	122.3	77.5	49.8	27.0	12.2	8.09	4.60	2.48
1.75V	110.5	71.0	48.9	26.5	12.0	7.94	4.52	2.45
1.80V	95.0	62.7	47.0	25.6	11.6	7.67	4.41	2.40
1.85V	73.7	52.8	43.5	23.9	10.9	7.26	4.22	2.32

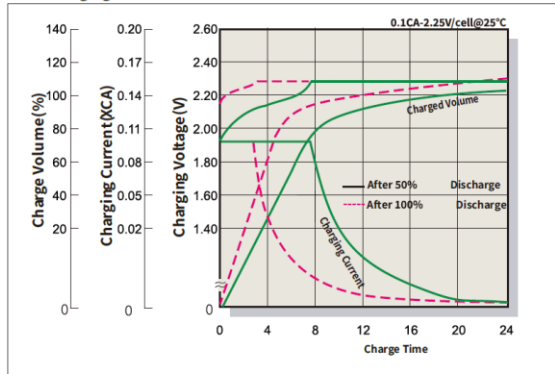
Temperature Effects on Long Term Float Life



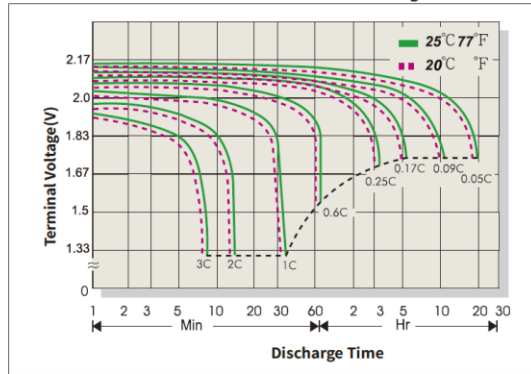
The effect of temperature on capacity



Float Charging Characteristics



Discharge Characteristics



The effect of temperature on capacity(20HR)

Temperature	Capacity(20HR)
40°C	102%
25°C	100%
0°C	85%
-15°C	65%

Self-discharge characteristics

Storage time	The remaining capacity
3 months	91%
6 months	82%
12 months	64%