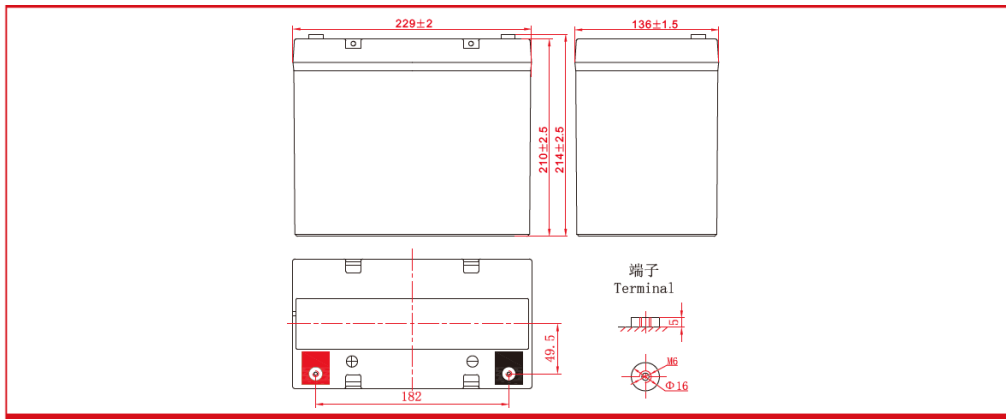




Maxlink batteries use high purity raw materials and low density electrolyte to make the batteries have good cycle performance and low self-discharge rate. It is suitable for UPS, solar & wind energy, telecom system, electric power system.

Cells per unit:	6
Voltage per unit:	12
Capacity:	55Ah @ 20hr-rate to 1.75V per cell @25°C (77°F)
Weight:	Approx. 16.7kg
Maximum discharge current:	680A (5sec)
Internal resistance:	Approx. 9 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:	13.7A
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:	210 x 229 x 136 mm +/- 2.5mm



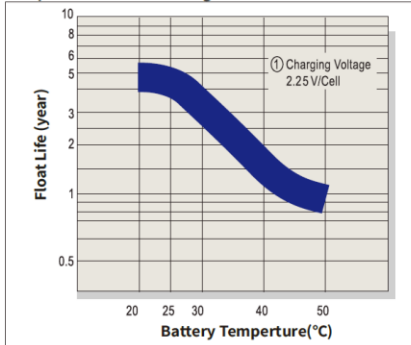
(A)25°C Constant Current Discharge

F.V/Time	10min	15min	30min	1h	2h	3h	5h	10h	20h
1.60V	109.7	86.9	58.9	35.2	22.0	14.9	9.86	5.64	3.01
1.67V	106.7	84.7	57.8	34.7	21.7	14.7	9.80	5.63	3.00
1.70V	104.6	83.1	57.1	34.2	21.5	14.6	9.75	5.62	2.99
1.75V	98.7	78.7	55.0	33.1	20.8	14.3	9.60	5.59	2.96
1.80V	90.3	73.3	52.5	31.8	19.9	13.8	9.33	5.50	2.92
1.85V	78.4	64.5	49.4	29.4	18.4	12.7	8.67	5.29	2.82

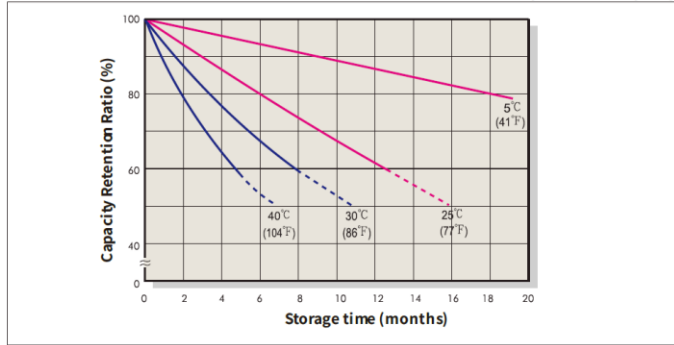
(W/cell)25°C Constant Power Discharge

F.V/Time	10min	15min	30min	1h	2h	3h	5h	10h	20h
1.60V	198	165	102	61.7	38.8	26.9	17.8	10.3	5.48
1.67V	188	156	100	60.9	38.3	26.6	17.8	10.2	5.45
1.70V	180	150	98.9	60.4	38.0	26.4	17.7	10.2	5.43
1.75V	163	136	95.7	59.2	37.3	25.9	17.5	10.2	5.38
1.80V	142	120	91.3	57.1	36.0	25.0	17.0	10.0	5.32
1.85V	117	99.4	85.4	54.0	34.0	23.2	16.0	9.68	5.16

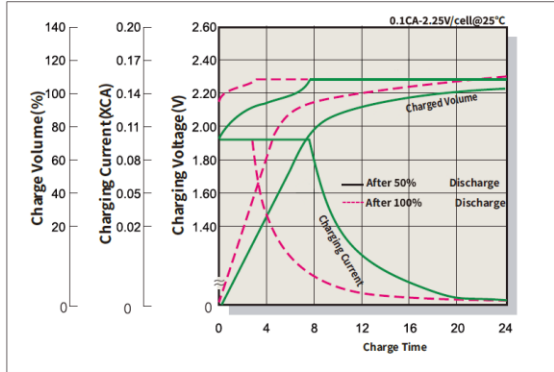
Temperature Effects on Long Term Float Life



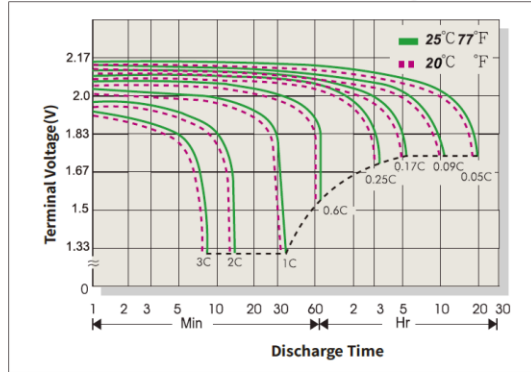
The effect of temperature on capacity



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%