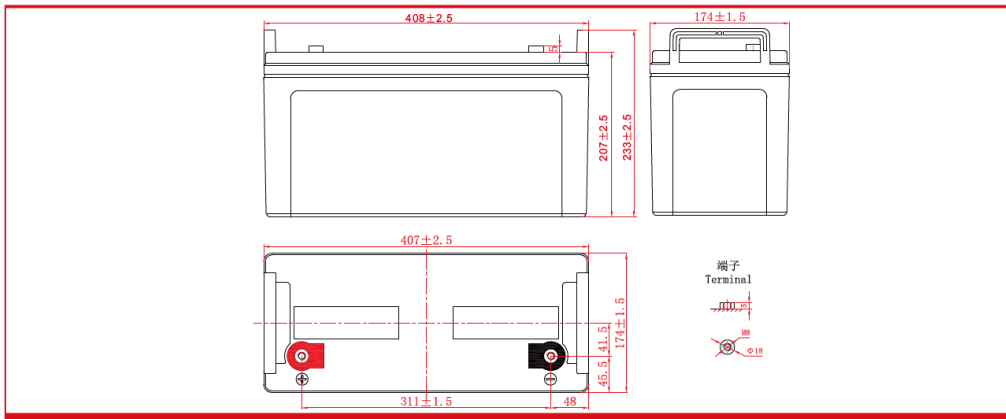




Maxlink batteries use high purity raw materials and low density electrolyte to make the batteries have good cycle performance and low self-discharge rate. It is suitable for UPS, solar & wind energy, telecom system, electric power system.

Cells per unit:	6
Voltage per unit:	12
Capacity:	120Ah @ 20hr-rate to 1.75V per cell @25°C (77°F)
Weight:	Approx. 34.5kg
Maximum discharge current:	1725A (5sec)
Internal resistance:	Approx. 4.5 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:	30A
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 M8
Battery Dimensions:	207 x 408 x 174 mm +/- 2.5mm



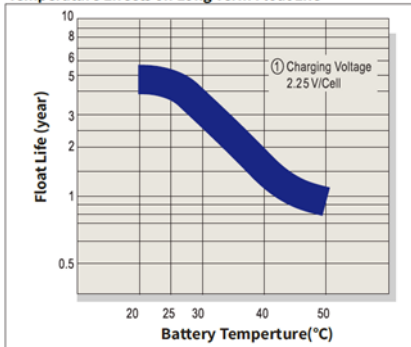
(A)25°C Constant Current Discharge

F.V/Time	30min	1h	2h	3h	5h	10h	20h
1.60V	127	76.4	48.1	32.2	21.5	12.3	6.56
1.67V	124	75.4	47.4	31.8	21.4	12.3	6.54
1.70V	123	74.5	46.9	31.7	21.3	12.3	6.52
1.75V	118	72.1	45.4	31.1	20.9	12.2	6.46
1.80V	113	69.0	43.4	29.9	20.4	12.0	6.36
1.85V	105	64.0	40.2	27.5	18.9	11.5	6.16

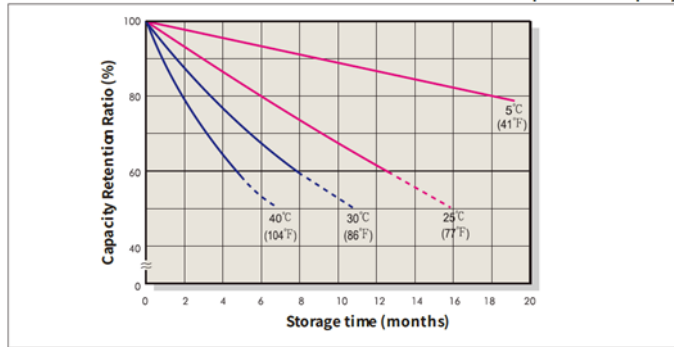
(W/cell)25°C Constant Power Discharge

F.V/Time	30min	1h	2h	3h	5h	10h	20h
1.60V	240	145	91.4	63.4	42.0	24.2	12.9
1.67V	236	144	90.3	62.8	41.9	24.1	12.8
1.70V	233	142	89.6	62.3	41.8	24.1	12.8
1.75V	225	140	87.8	61.1	41.2	23.9	12.7
1.80V	215	135	84.7	58.9	40.1	23.6	12.5
1.85V	201	127	80.0	54.7	37.7	22.8	12.2

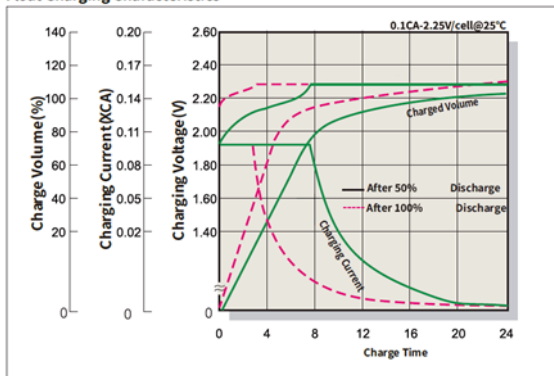
Temperature Effects on Long Term Float Life



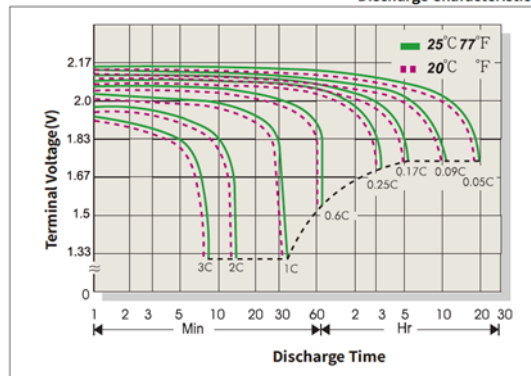
The effect of temperature on capacity



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%