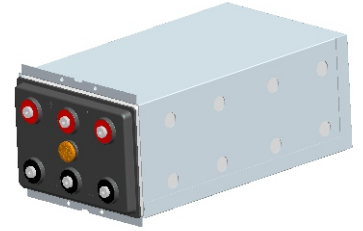


### Specification

Nominal Voltage	2V	
Nominal Capacity(10HR)	2000.0AH	
Dimensions	Length	332±2mm (13.08 inches)
	Height	227±2mm (8.94 inches)
	Depth	579±2mm (22.80 inches)
	Total Depth (with Terminal)	595±2mm (23.43 inches)
	Approx Weight	Approx 128.5Kg (283.3lbs)
Terminal	T17	
Container Material	ABS	
Rated Capacity	2120.0 AH/106.0A	(20hr, 1.80V/cell, 25°C/77°F)
	2000.0 AH/200.0A	(10hr, 1.80V/cell, 25°C/77°F)
	1722.5 AH/344.5A	(5hr, 1.75V/cell, 25°C/77°F)
	1497.0 AH/499.0A	(3hr, 1.75V/cell, 25°C/77°F)
	1201.9 AH/1201.9A	(1hr, 1.60V/cell, 25°C/77°F)
Max. Discharge Current	16000A (5s)	
Internal Resistance	Approx 0.39mΩ	
Operating Temp. Range	Discharge	-15~50°C (5~122°F)
	Charge	0~40°C (32~104°F)
	Storage	-15~40°C (5~104°F)
Nominal Operating Temp. Range	25±3°C (77±5°F)	
Cycle Use	Initial Charging Current less than 600.0A. Voltage	
	2.4V~2.5V at 25°C(77°F)Temp. Coefficient -5mV/°C	
Standby Use	No limit on Initial Charging Current Voltage	
	2.25V~2.3V at 25°C(77°F)Temp. Coefficient -3mV/°C	
Capacity affected by Temperature	40°C (104°F)	103%
	25°C (77°F)	100%
	0°C (32°F)	86%
Self Discharge	UPLUS UMB series batteries may be stored for up to 6 months at 25°C(77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.	



Designed as horizontal use, do not vertical place.

### Application

- ◆ Tele-communication central station (wired or cellular)
- ◆ Power system communication, military communication, etc.
- ◆ Network communication including: data transmission, television signal transmission, etc.
- ◆ Uninterruptable Power System (UPS- for Telecom)

### Constant Current Discharge (Amperes) at 25 °C (77°F)

F.V/Time	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	1456.9	1155.2	988.0	593.5	458.7	376.7	320.8	280.2	225.7	191.1	102.3
1.80V/cell	1563.2	1215.3	1049.4	626.1	481.1	393.5	334.2	292.7	234.4	200.0	106.0
1.75V/cell	1655.4	1277.9	1094.9	652.0	499.0	406.9	344.5	299.7	238.9	202.1	107.1
1.70V/cell	1737.0	1326.1	1133.3	671.2	512.1	415.8	350.5	304.9	242.6	204.1	108.1
1.65V/cell	1822.0	1383.9	1174.1	691.4	523.4	424.7	358.0	310.2	246.0	206.7	109.6
1.60V/cell	/	1421.2	1201.9	707.9	534.6	430.7	363.1	314.5	249.3	209.1	110.8

### Constant Power Discharge (Watts) at 25 °C (77°F)

F.V/Time	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	2784.3	2221.1	1911.1	1154.3	896.4	738.8	631.9	553.6	447.9	380.1	203.7
1.80V/cell	2963.4	2321.3	2018.5	1212.1	935.8	769.2	655.5	576.1	463.7	397.4	210.7
1.75V/cell	3114.3	2426.6	2096.8	1257.2	968.0	792.6	673.4	587.9	471.4	400.9	212.7
1.70V/cell	3240.3	2500.4	2158.8	1288.8	989.9	806.7	683.0	597.4	478.3	404.6	214.6
1.65V/cell	3373.6	2594.7	2223.9	1321.9	1007.1	821.2	695.2	605.8	483.9	409.1	217.1
1.60V/cell	/	2639.9	2260.7	1344.9	1023.4	829.0	702.4	612.3	489.3	413.1	219.2

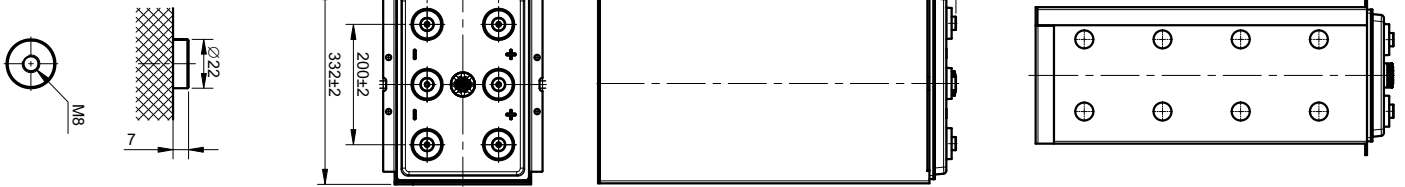
Specifications subject to change without notice.



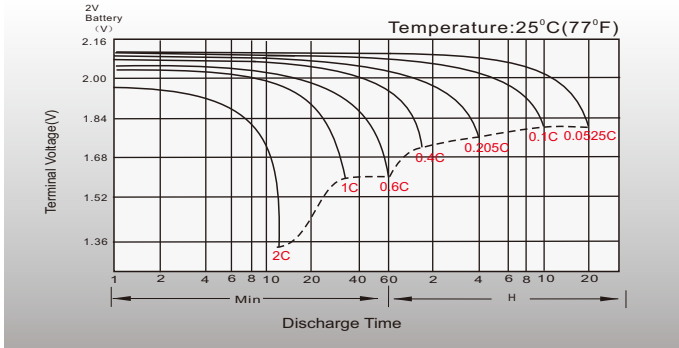
# Dimensions

## T17 Terminal

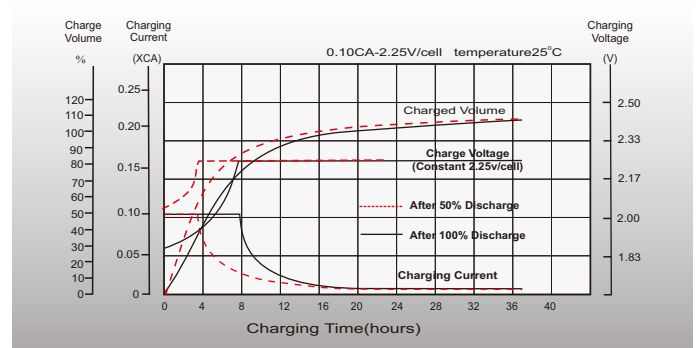
Unit: mm



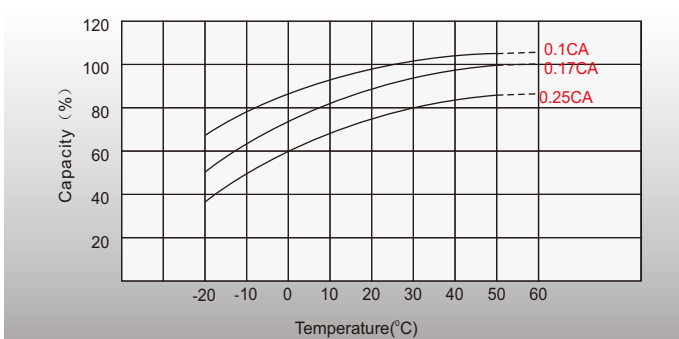
## Discharge Characteristics



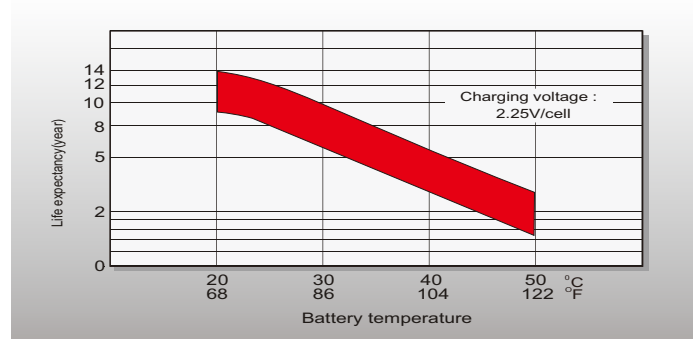
## Float Charging Characteristics



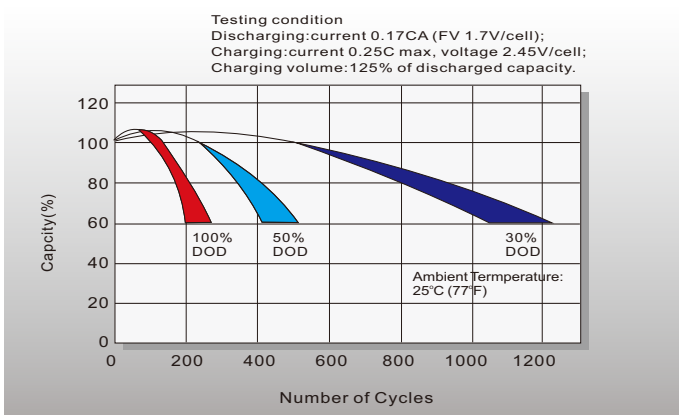
## Temperature Effects in Relation to Battery Capacity



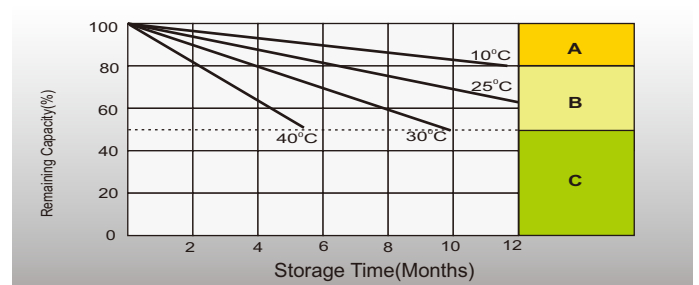
## Effect of Temperature on Long Term Float Life



## Cycle Life in Relation to Depth of Discharge



## Self Discharge Characteristics



- A** No supplementary charge required  
(Carry out supplementary charge before use if 100% capacity is required.)
- B** Supplementary charge required before use. Optional charging way as below:  
1. Charged for above 3 days at limited current 0.25CA and constant voltage 2.25V/cell.  
2. Charged for above 20 hours at limited current 0.25CA and constant voltage 2.45V/cell.  
3. Charged for 8-10 hours at limited current 0.05CA.
- C** Supplementary charge may often fail to recover the capacity.  
The battery should never be left standing till this is reached.