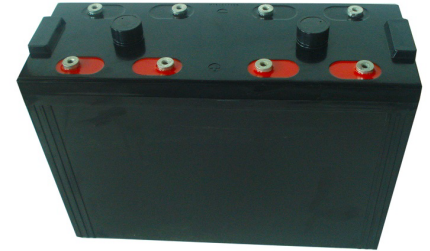
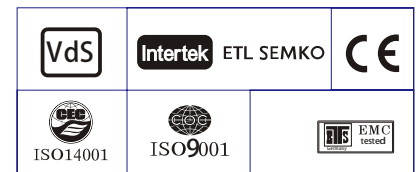


**Specification**

Nominal Voltage	2V		
Nominal Capacity(10HR)	1200.0AH		
Dimension	Length	475±3mm (18.70 inches)	
	Width	175±2mm (6.89 inches)	
	Container Height	328±3mm (12.91 inches)	
	Total Height (with Terminal)	338±3mm (13.31 inches)	
Approx Weight	Approx 74.0kg		
Terminal	T11		
Container Material	ABS		
Rated Capacity	1266.7 AH/53.335A	(20hr,1.80V/cell,25°C/77°F)	
	1200.0 AH/120.00A	(10hr,1.75V/cell,25°C/77°F)	
	860.0 AH/172.0A	(5hr,1.75V/cell,25°C/77°F)	
	747.9 AH/249.3A	(3hr,1.75V/cell,25°C/77°F)	
	586.7 AH/586.7A	(1hr,1.67V/cell,25°C/77°F)	
Max. Discharge Current	7000A (5s)		
Internal Resistance	Approx 0.54mΩ		
Operating Temp.Range	Discharge : -20~55°C (-4 ~131°F)		
	Charge : 0~40°C (32~104°F)		
	Storage : -20 ~50°C (-4 ~122°F)		
Nominal Operating Temp. Range	25±3°C (77±5°F)		
Cycle Use	Initial Charging Current less than 250.0A.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	GEL series batteries may be stored for up to 9 months		
	at 25°C(77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.		


**Applications**

- ◆ Telecommunications
- ◆ Solar system
- ◆ Wind power system
- ◆ Wheelchair
- ◆ Floor cleaning machines
- ◆ Golf trolley
- ◆ Boats


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

F.V/Time	30min	45min	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	20h
1.85V/cell	783.0	751.3	609.0	388.8	285.6	233.0	192.0	164.1	140.4	135.6	100.2	116.4	58.8
1.80V/cell	870.0	776.0	660.0	401.6	300.0	240.0	202.0	174.0	148.0	142.8	124.4	120.0	62.4
1.75V/cell	951.2	921.3	699.6	431.5	312.0	248.6	207.0	175.8	150.6	145.2	127.6	121.1	63.6
1.70V/cell	1052	960.0	760.8	452.2	328.8	258.0	210.0	186.0	164.9	150.0	130.3	122.2	64.8
1.67V/cell	1110.0	984.0	771.7	461.1	333.2	261.0	213.6	190.0	172.9	152.4	135.9	121.1	65.1
1.60V/cell	\	934.7	764.8	480.2	350.6	270.0	216.0	191.2	179.7	157.2	144.2	122.4	67.2

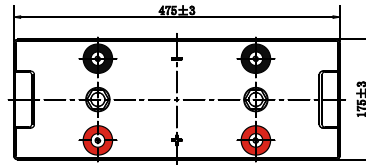
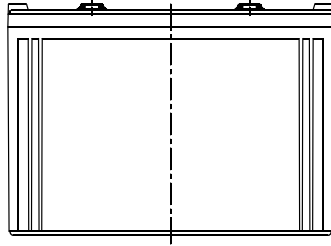
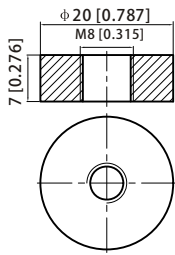
**Constant Power Discharge (Watts) at 25°C (77°F)**

F.V/Time	30min	45min	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	20h
1.85V/cell	1492.0	1403.0	1190.0	748.8	556.8	409.0	384.0	322.8	297.4	277.6	256.2	232.8	117.1
1.80V/cell	1645	1597.9	1284.0	790.8	584.4	441.6	406.0	340.8	317.5	282.0	266.0	240.0	124.8
1.75V/cell	1814.0	1773.7	1350.0	829.0	609.6	442.8	414.0	345.6	325.8	286.8	270.9	242.2	127.2
1.70V/cell	2012.0	1942.1	1437.0	874.8	632.4	466.8	420.0	363.6	333.8	296.4	277.1	244.8	129.6
1.67V/cell	2120.0	1975.7	1453.0	888.0	642.0	468.0	424.8	370.2	366.0	301.2	279.6	246.0	132.0
1.60V/cell	\	2062.8	1462.0	901.2	655.2	475.2	428.4	376.6	371.7	303.6	283.9	248.4	134.0

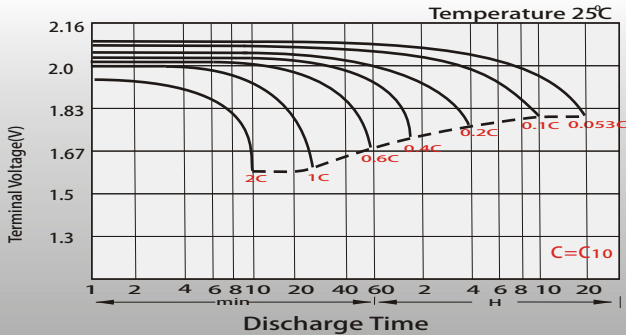
## Dimensions

### T11 Terminal

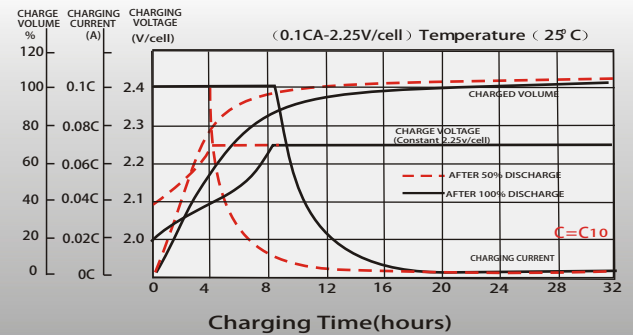
Unit: mm [inches]



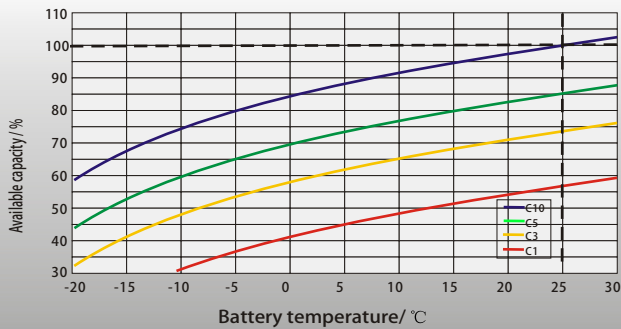
## Discharge Characteristics



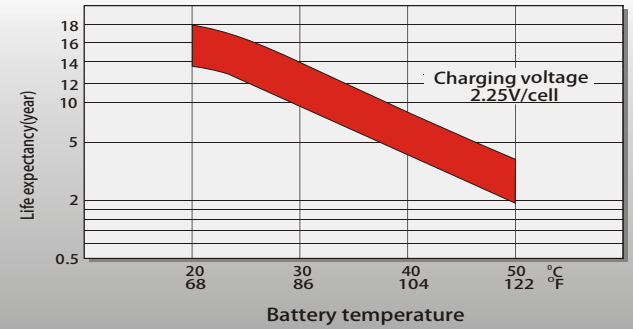
## Float Charging Characteristics



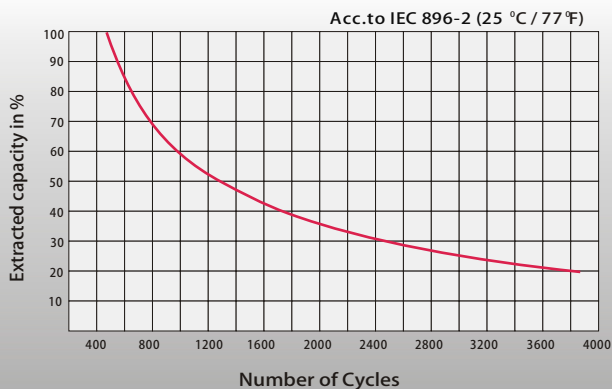
## Temperature Effects in Relation to Battery Capacity



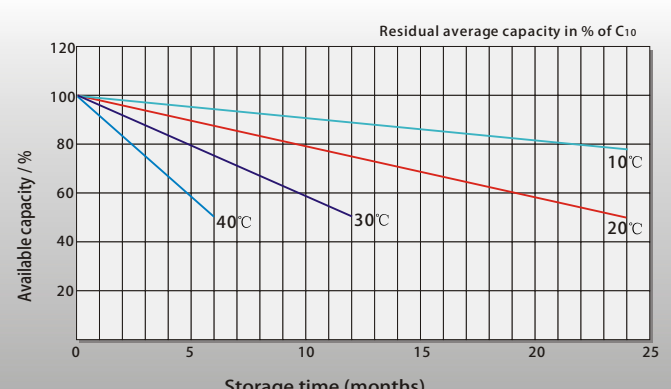
## Effect of Temperature on Long Term Float Life



## Cycle Life in Relation to Depth of Discharge



## General Relation of Capacity VS. Storage Time



## Contact US

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