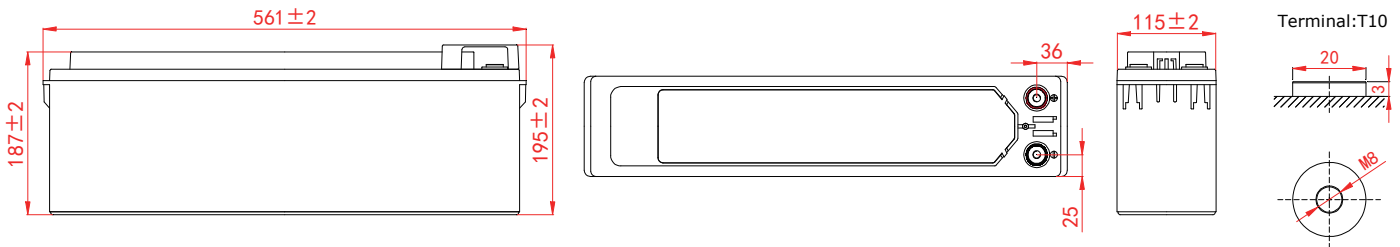


Specification

Nominal Voltage		12V
Rated Capacity (10 hour rate)		75AH
Dimension	Length	561±2mm (22.1in)
	Width	115±2mm (4.53in)
	Height	187±2mm (7.37in)
	Total Height (with terminals)	195±2mm (7.68in)
Weight		Approx 24kg ±2%(52.8lbs)



Unit:mm Dimension:561(L)×115(W)×187(H)



Characteristic

Capacity 25°C(77°F)	10 hour rate (8.0A)	75AH
	5 hour rate (13.6A)	64AH
	1 hour rate (48A)	41AH
Internal Resistance	Full charged Battery 25°C(77°F)	6.1mΩ
Capacity affected by Temperature (10 hour rate)	40°C(104°F)	103%
	25°C(77°F)	100%
	0°C(32°F)	85%
	-15°C(5°F)	65%
Self-Discharge 25°C(77°F)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	65%
Max. Discharge Current	1100A (5S) 25°C(77°F)	
Terminal	Standard	/
	Optional	T10
Charging (Constant Voltage)	Cycle	Initial Charging Current 20A or small14.40~15.00V 25°C(77°F)
	Float	13.50~13.80V 25°C(77°F)

Applications

- ☆ All purpose
- ☆ Uninterruptable Power Supply(UPS)
- ☆ Electric Power System(EPS)
- ☆ Emergency backup power supply
- ☆ Emergency light
- ☆ Railway signal
- ☆ Aircraft signal
- ☆ Alarm and security system
- ☆ Electronic apparatus and equipment
- ☆ Communication power supply
- ☆ DC power supply
- ☆ Auto control system

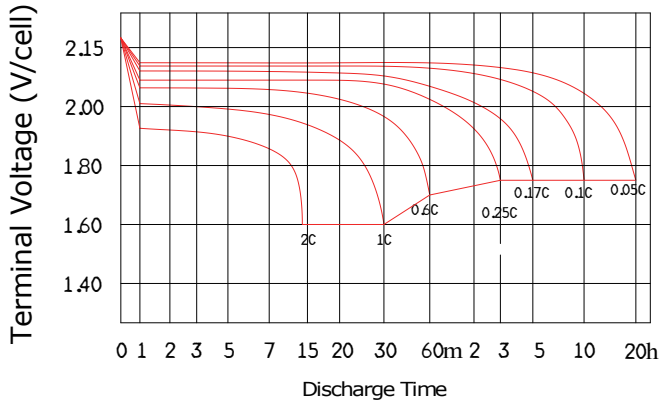
Constant Current Discharge(Amperes) at 25°C(77°F)

F.V/Time	15min	30min	1H	2H	3H	4H	5H	6H	8H	10H	20H
1.85V/cell	112	67.8	41.2	25.7	19.1	15.7	13.4	10.9	9.04	7.75	4.04
1.80V/cell	123	73.0	43.9	27.0	20.0	16.3	13.9	11.7	9.36	8.00	4.14
1.75V/cell	131	77.2	46.0	28.0	20.7	16.9	14.3	12.0	9.60	8.16	4.23
1.70V/cell	138	80.5	47.6	28.8	21.2	17.3	14.6	12.2	9.76	8.32	4.29
1.65V/cell	143	82.9	48.8	29.4	21.6	17.5	14.8	12.6	9.92	8.48	4.34
1.60V/cell	146	84.8	49.8	29.8	21.9	17.8	15.0	12.8	10.0	8.56	4.38

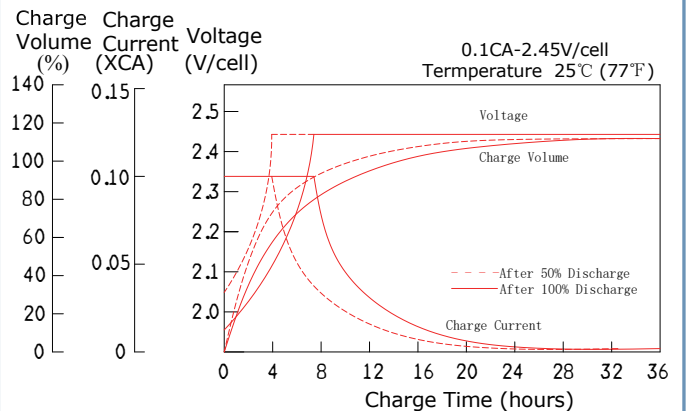
Constant Power Discharge(Watts/cell) at 25°C(77°F)

F.V/Time	15min	30min	1H	2H	3H	4H	5H	6H	8H	10H	20H
1.85V/cell	214	131	80.8	50.7	37.9	31.1	26.6	21.4	18.2	15.6	8.16
1.80V/cell	230	140	85.6	53.0	39.4	32.3	27.6	22.9	18.7	16.1	8.32
1.75V/cell	243	147	88.8	54.7	40.6	33.3	28.2	23.4	19.2	16.4	8.48
1.70V/cell	251	151	92.0	56.0	41.4	33.9	28.8	23.9	19.5	16.7	8.64
1.65V/cell	258	155	93.6	56.9	42.2	34.4	29.2	24.3	19.8	16.9	8.69
1.60V/cell	260	156	94.4	57.4	42.4	34.6	29.4	24.8	19.8	17.0	8.72

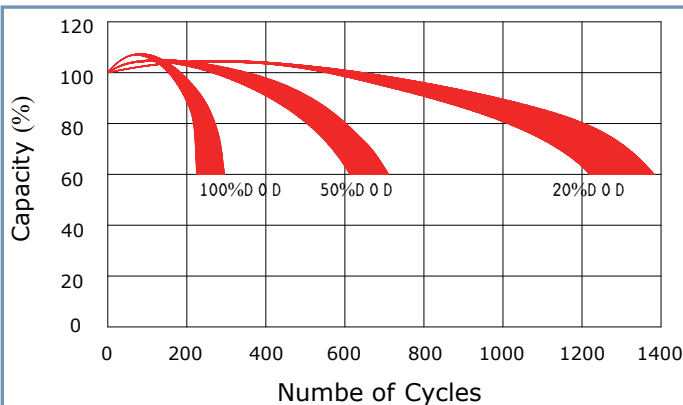
Discharge Characteristics



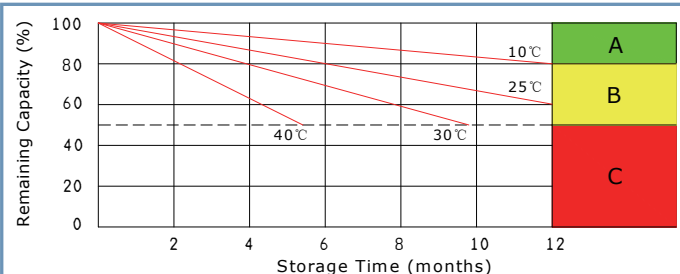
Float Charge Characteristics



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 20 hours at limited current 0.2CA and constant voltage 2.45V/cell.
2.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.