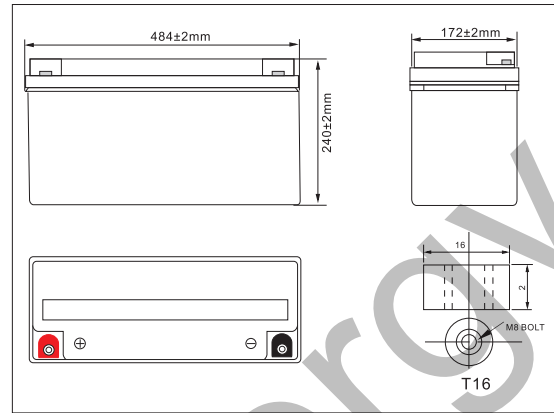


## Picture



## Dimension



## Datasheet

Normal Volatage		12V
Rated Capacity(C10)		150Ah
Capacity 25°C(77°F)	10 Hour rate(1.8V)	150Ah
	3 Hour rate(1.8V)	112Ah
	1 Hour rate(1.75V)	85Ah
Internal Resistance	25°C(Full Charged Battery)	≤4.0mΩ
Discharge Current (10 hour)	40°C(104°F)	102%
	25°C(77°F)	102%
	0°C(32°F)	85%
	-15°C(5°F)	65%
Self Discharge 25°C(77°F)	3 months later	91%
	6 months later	82%
	12 months later	64%
Charge Method 25°C(77°F)	Floating Charge	Current:0.05C-0.15C Voltage:13.6V-13.8V
	Equalizing Charge	Current:0.05C-0.15C Voltage:14.2V-14.5V

## Specification

Dimension	Length	484±2mm
	Width	172±2mm
	Height	240±2mm
	Total Height	240±2mm
Terminal		T16
Net Weight		41kg±3%
Gross Weight		41.5kg±3%

## Certification



## Application, Advantages, Features

### Application

- Control System, alarm system, power system, railway system
- Emergency Light, Lighting System, Backup power supply, UPS
- Telecom Equipment, Fire and Security System, Power Station
- Electric Tools, Electric Toys

### Features

- High-strength ABS plastic battery, compact structure, impact resistance and Seismic capacity
- Special Lead-based multi-element alloy grid, Low internal resistance, Strong charging acceptance ability

### Advantages

- Design Life:10 years
- Safe and Reliable Seal
- High Specific energy, Low internal resistance, Low self-discharge rate
- Strong Charge acceptance and High sealing response efficiency

- New plate manufacturing process, High active material utilization rate
- High-purity electrolyte and special additives, Low self-discharge rate
- Multi-layer sealing technology and special sealant ensure that the battery has no leakage and no acid over, Safe and reliable

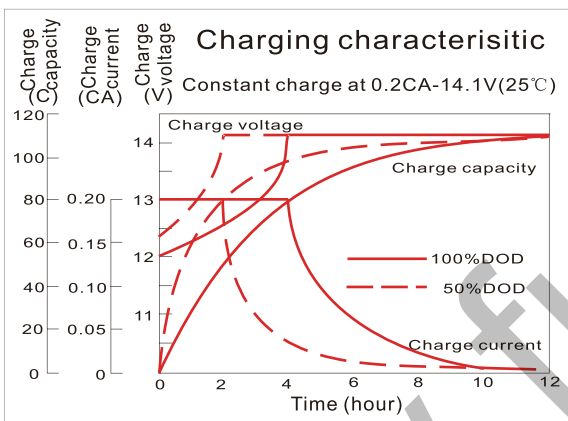
**▼ Constant Current Discharge Characteristics : A(25°C)**

Volt/Time		10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
9.60V	A	327	252	151	92.7	54.8	39.5	31.5	26.9	18.5	15.3	8.09
	W	3532	2767	1691	1057	635	464	371	318	220	182	97.1
9.90V	A	317	246	148	91.3	54.5	39.2	31.3	26.8	18.4	15.2	8.08
	W	3426	2701	1658	1041	631	461	368	316	219	182	96.9
10.2V	A	304	237	143	89.0	54.0	39.0	31.1	26.6	18.3	15.2	8.05
	W	3284	2601	1607	1015	625	458	366	314	217	181	96.6
10.5V	A	291	229	140	86.2	53.2	38.7	30.9	26.4	18.2	15.1	8.01
	W	3143	2512	1568	983	616	455	363	312	216	180	96.1
10.8V	A	275	217	135	83.4	51.8	37.5	30.3	25.6	17.6	15.0	7.95
	W	2967	2380	1510	951	600	441	352	303	209	179	95.4

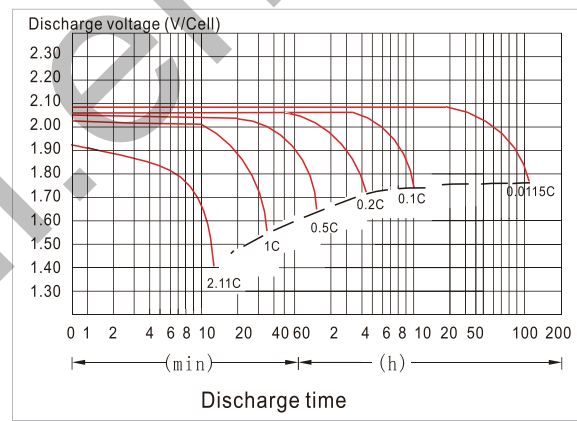
Above are cycle tests

**▼ Discharge and Charge Characteristics**

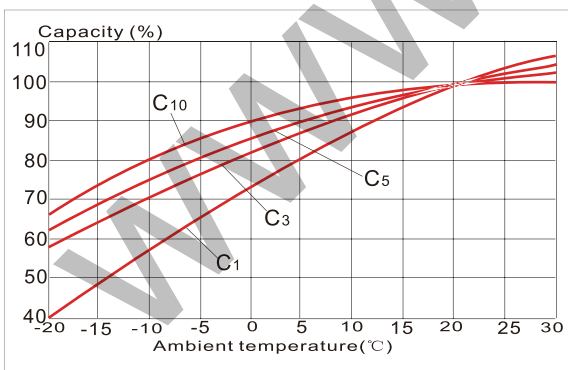
Charge Characteristics Curve



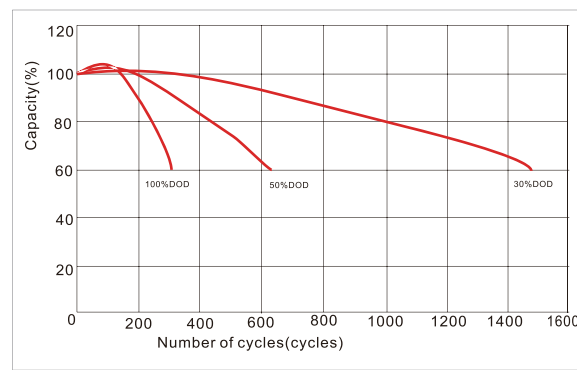
Discharge Characteristics Curve



Temperature Effects on Capacity



Cycle Life in Relation to Depth of Discharge



**▼ Battery main material**

Name	Positive Plate	Negative Plate	Battery Case	Battery Cover	Vent Valve	Terminal	Separator	Electrolyte
Material	High tin Alloy Lead	Alloy Lead	ABS	ABS	Rubber	Lead/Copper	Fiberglass	Sulfuric Acid