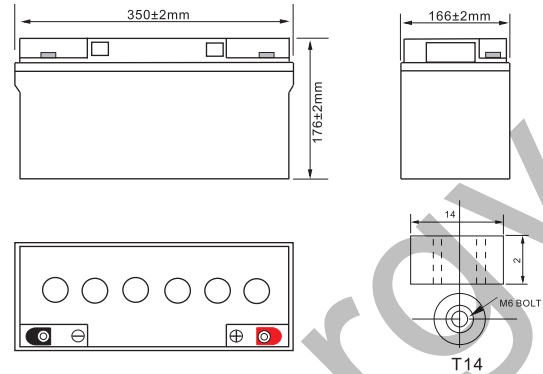


▼ Picture



▼ Dimension



▼ Datasheet

Normal Volatage		12V
Rated Capacity(C10)		65Ah
Capacity 25°C(77°F)	10 Hour rate(1.8V)	65Ah
	3 Hour rate(1.8V)	42Ah
	1 Hour rate(1.75V)	28Ah
Internal Resistance	25°C(Full Charged Battery)	≤7.0mΩ
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	350±2mm
	Width	166±2mm
	Height	176±2mm
	Total Height	176±2mm
Terminal		T14
Net Weight		19.5kg±3%
Gross Weight		20kg±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 Sytem, Power Station
- Electric Tools, Electric Toys

Features

- High-strength ABS plastic battery,compact struture,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

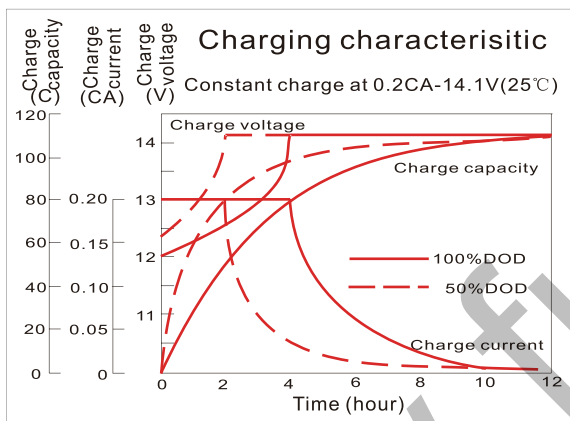
▼ Constant Current Discharge Characteristics : A(25°C)

Volt/Time		10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
9.60V	A	131	101	60.3	37.1	21.9	15.8	12.6	10.8	7.41	6.11	3.24
	W	1413	1107	677	423	254	186	148	127	88.0	72.9	38.8
9.90V	A	127	98.4	59.1	36.5	21.8	15.7	12.5	10.7	7.36	6.10	3.23
	W	1370	1080	663	416	252	185	147	127	87.5	72.8	38.8
10.2V	A	122	94.8	57.3	35.6	21.6	15.6	12.4	10.6	7.31	6.08	3.22
	W	1314	1040	643	406	250	183	146	126	86.9	72.6	38.7
10.5V	A	116	91.5	55.9	34.5	21.3	15.5	12.4	10.6	7.26	6.04	3.20
	W	1257	1005	627	393	246	182	145	125	86.2	72.1	38.4
10.8V	A	110	86.7	53.8	33.4	20.7	15.0	12.0	10.2	7.04	6.00	3.18
	W	1187	952	604	380	240	177	141	121	83.7	71.6	38.2

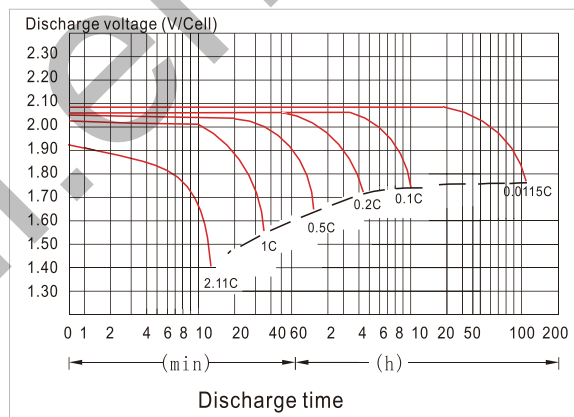
Above are cycle tests

▼ Discharge and Charge Characteristics

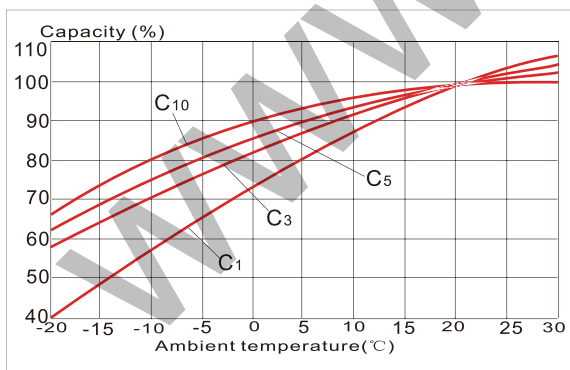
Charge Characteristics Curve



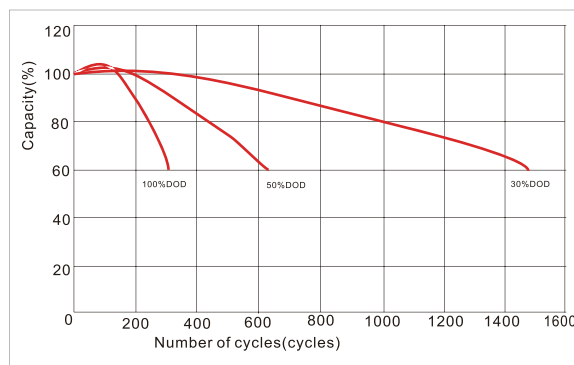
Discharge Characteristics Curve



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	Seperator	Electrolyte
Material	High tin Alloy Lead	Alloy Lead	ABS	ABS	Rubber	Lead/Copper	Fiberglass	Sulfuric Acid