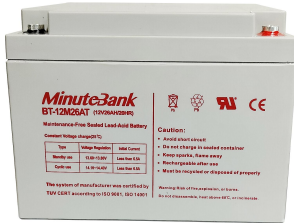


## VRLA AGM Battery

BT-12M26AT(W)[12V26Ah]



### General Features

- Designed floating charging service life: 8 years (25°C)
- Sealed and maintenance free operation
- Safety valve installation for explosion proof
- Low self-discharge characteristic
- Wide operating temperature range from 0°C~40°C
- Lead Aluminum calcium Tin alloy high energy, prevent corrosion

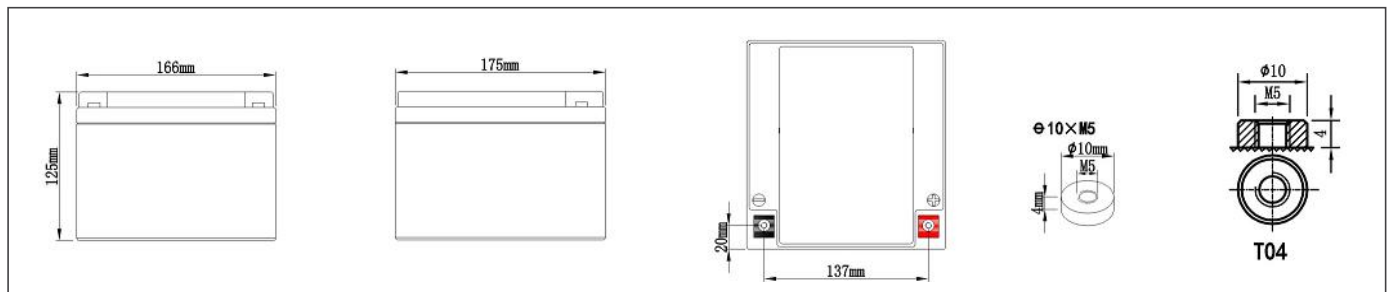
### Application

- DC power supply
- Medical equipments
- UPS/EPS power supply
- Emergency lighting systems
- Alarm and security systems

## Physical Specifications

Nominal Voltage	Nominal Capacity (20HR)	Dimension				Weight ±3%	Internal Resistance (In full charge status)	Standard Terminals
		L	W	H	TH			
12V	26AH	166±2mm	175±2mm	125±2mm	125±2mm	Approx 7.73kg (17.13lbs)	≈11.6m Ω	T04 (standard)

## Dimensions



## Battery Discharge Table

End Voltage (V)	Minute (M)				Hour (H)							
	10	15	30	45	1	1.5	2	3	5	8	10	20
<b>Constant Current Discharge Data Sheet (@25°C) Unit: A</b>												
9.6V	70.5	55.2	28.2	19.9	16.8	13.3	9.91	7.48	4.79	3.17	2.63	1.41
9.9V	67.2	52.7	26.9	19.2	16.3	12.9	9.68	7.30	4.67	3.12	2.61	1.38
10.2V	64.0	50.1	25.7	18.6	16.0	12.7	9.44	7.12	4.56	3.05	2.59	1.37
10.5V	63.5	49.7	25.4	18.3	15.9	12.5	9.08	6.90	4.48	3.03	2.57	1.35
10.8V	62.8	49.2	25.1	18.0	15.8	12.3	8.72	6.66	4.39	2.99	2.52	1.33
<b>Constant Power Discharge Data Sheet (@25°C) Unit: W</b>												
9.6V	804	653	369	260	194	149	113	80	52.8	36.9	29.2	15.8
9.9V	767	621	351	251	191	146	109	79	51.5	36.1	29.0	15.7
10.2V	729	591	334	243	185	141	107	77	50.3	35.5	28.7	15.4
10.5V	706	573	326	238	183	140	106	75	49.7	35.2	28.2	15.3
10.8V	679	555	318	232	179	138	103	73	49.0	34.8	27.7	15.0

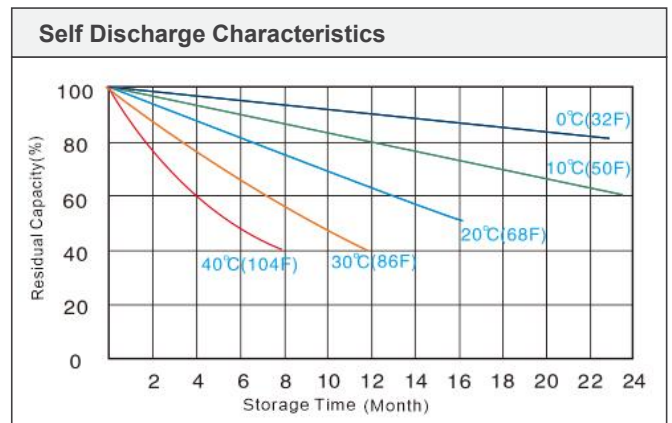
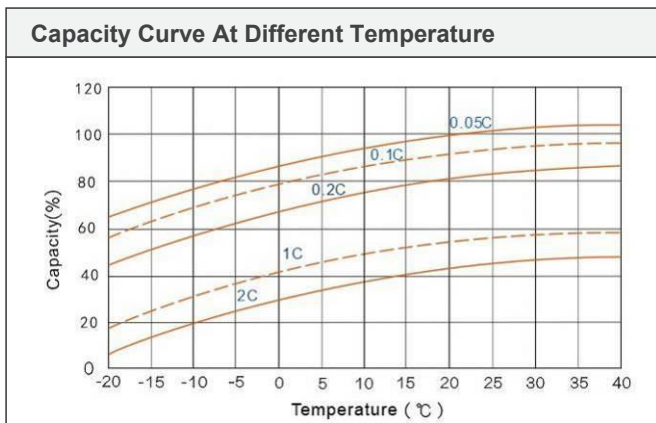
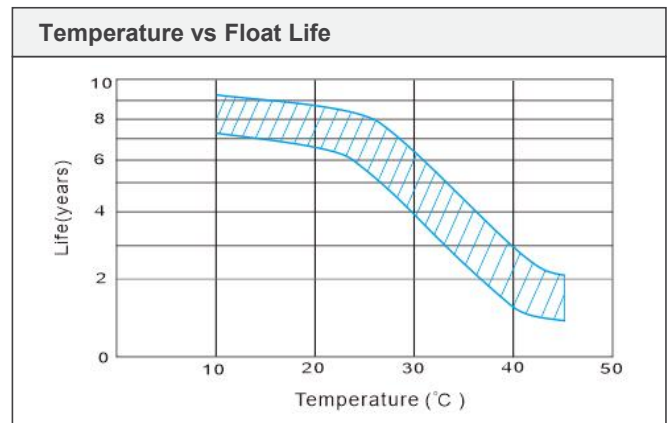
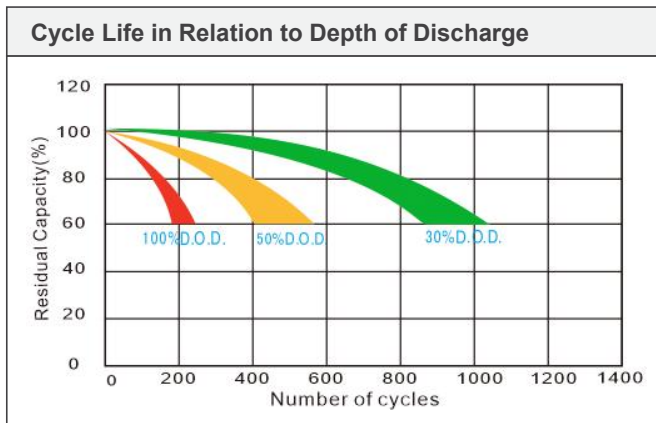
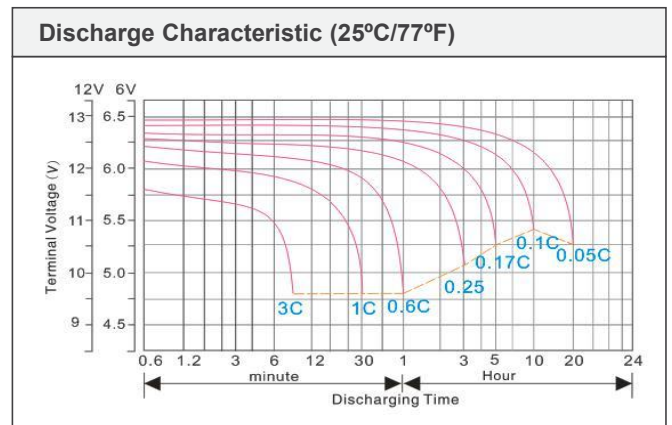
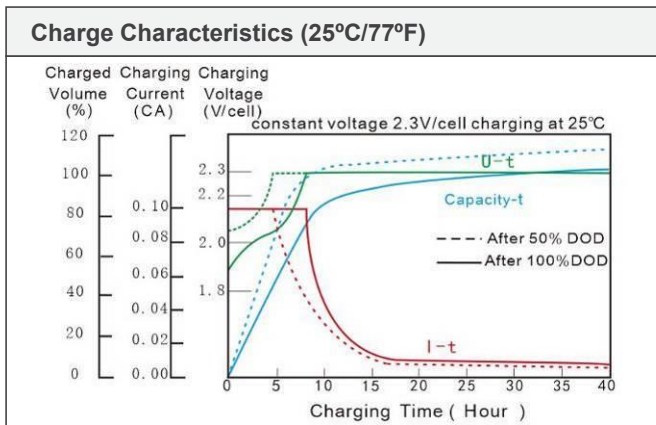
**NOTE :** The battery should be charged within 6 months of storage, Otherwise, permanent loss of capacity might occur as a result of sulfation

## Constant-Voltage Charge

Rated Capacity	
20 hour rate (1.35A)	27.00AH
10 hour rate (2.70A)	25.20AH
5 hour rate (4.59A)	22.40AH
27 minute rate (27A)	12.15AH
7 minute rate (81A)	9.45AH
Capacity affected by Temperature	
40°C(104°F)	103%
25°C(77°F)	100%
0°C(32°F)	86%

Cycle Application
1. Limit initial current less than 6.75A.
2. Charge until battery voltage (under charge) reaches 14.1V to 14.4V at 25°C(77°F).
3. Hold at 14.1V to 14.4V until current drop to under 0.162A for at least 3 hours.
4. Temperature compensation coefficient of charging voltage is -30mV/°C.
Standby Service
1. Hold battery across constant voltage source of 13.6to 13.8 volts with current limit 6.75A continuously .When held at this voltage , the battery will seek its own current level and maintain itself in a fully charge status.
2. Temperature compensation coefficient of charging voltage is -18mV/°C.

## Performance Characteristics



☆The datasheet subjects to change without prior notice,please contact with us if have any questions.