GTAG12-26 12V26AH

AGM BATTERY- AGM SERIES

Specifications

Nominal Voltage	12V	
Nominal Capacity (10HR)	26Ah	
Dimensions	Length	165 ±1mm
	Width	125 ±1mm
	Height	175 ±1mm
	Total height	182 ±1mm
Approx. Weight	7.4kg	
Terminal Type	T3, T10, T12	
Container Material	ABS	
Rated Capacity (25C°)	20HR (1.80V)	27.8Ah
	10HR (1.75V)	26.0Ah
	5HR (1.75V)	22.25Ah
	3HR (1.75V)	19.5Ah
	1HR (1.60V)	14.4Ah
Max. Discharge Current	360A (5 sec.)	
Internal Resistance (Fully charged, 25°C)	Approx. 15mΩ	
Operating Temp. Range	Discharge	-15°C~50°C (5°F~122°F)
	Charge	0~40°C (32°F~104°F)
	Storage	-15°C~40°C (5°F~104°F)
Nominal Operating Temp.	25°C ±3°C (77°F ±5°F)	
Cyclic Charging Voltage (25°C)	Initial Charging Current less than 7.2A. Voltage 14.6V~15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C	
Float Charging Voltage (25°C)	No limit on Initial Charging Current Voltage 13.6V~13.7V at 25°C (77°F) Temp. Coefficient -20mV/°C	
Capacity affected by temperature	40°C (104°F)	103%
	25°C (77°F)	100%
	0°C (32°F)	86%
Self-discharge (25°C)	Global Power batteries may be stored for up to 6 months at 25°C (77°F) and battery should be recharged before use. For higher temperatures the time interval will be shorter.	

Applications

- Uninterruptable Power Supply (UPS)
- Electric Power System (EPS)
- Emergency backup power supply
- Alarm and security system
- Electronic apparatus and equipment
- Communication power supply

Remarks:
- Use in normal climate environment with standard range of regulated powered electricity.
- Falling, hitting, bending, etc. may cause degradation of battery characteristics.

Constant current discharge characteristics unit: Ampere/Block (at 25°C, 77°F)

F.V/time	5min	10min	15min	30min	60min	90min	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	91.00	58.44	44.20	26.00	14.40	10.54	9.25	6.59	4.50	3.31	2.70	1.47
1.67V	80.79	54.53	41.90	25.44	14.30	10.43	9.21	6.56	4.47	3.28	2.66	1.45
1.70V	76.48	52.58	40.87	25.22	14.19	10.42	9.19	6.54	4.47	3.25	2.62	1.43
1.75V	69.21	49.48	39.15	24.78	13.98	10.29	9.13	6.50	4.45	3.24	2.60	1.40
1.80V	61.84	46.15	37.54	24.22	13.88	10.22	9.07	6.47	4.44	3.22	2.56	1.39
1.85V	54.46	42.82	35.59	23.56	13.67	10.10	8.99	6.41	4.41	3.17	2.52	1.33

Constant power discharge characteristics unit: Watt/Block (at 25°C, 77°F)

F.V/time	5min	10min	15min	30min	60min	90min	2hr	3hr	5hr	8hr	10hr	20hr
1.60	168.31	111.55	85.31	51.79	28.73	21.04	18.52	13.19	9.00	6.63	5.398	2.946
1.67	149.40	104.09	80.94	50.71	28.52	20.84	18.44	13.14	8.97	6.59	5.325	2.805
1.70	141.45	100.43	79.00	50.27	28.35	20.83	18.40	13.11	8.97	6.52	5.261	2.731
1.75	128.03	94.53	75.75	49.42	28.00	20.58	18.28	13.04	8.93	6.51	5.220	2.690
1.80	114.41	88.20	72.76	48.33	27.83	20.48	18.17	12.98	8.90	6.46	5.139	2.603
1.85	100.80	81.87	69.04	47.04	27.45	20.30	18.02	12.87	8.86	6.38	5.060	2.517

Note 1: The above data are average values, and can be obtained with 3 charge/discharge cycles. These are not minimum values.

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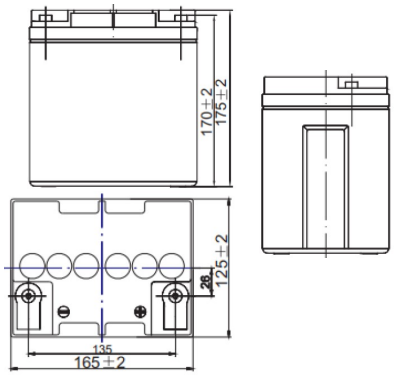
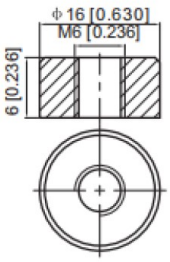
Outer dimensions (mm)



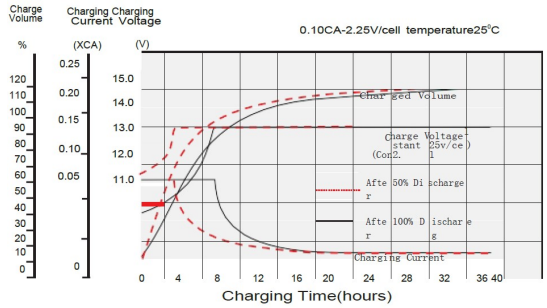
Terminal type (mm)

T11 Terminal

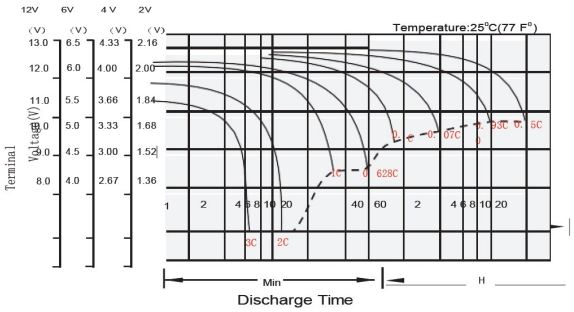
Unit: mm [inches]



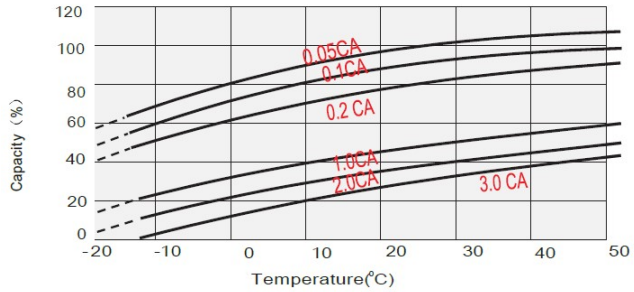
Float Charging Characteristics



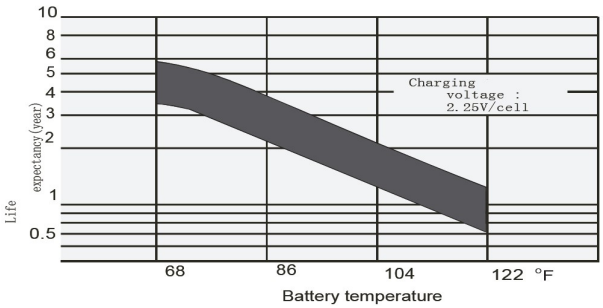
Discharge Characteristics



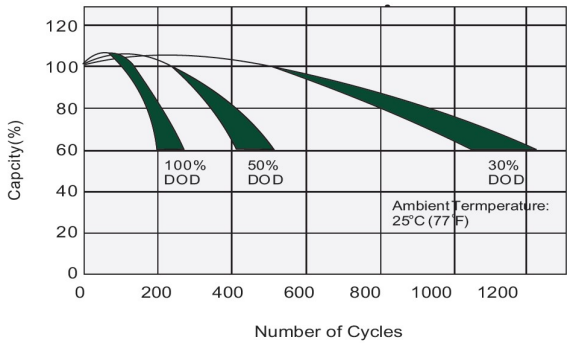
Temperature Effects in Relation to Battery Capacity



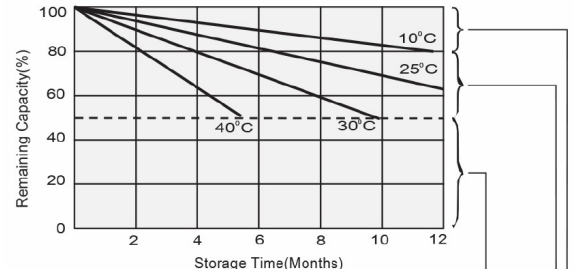
Effect of Temperature on Long Term Float Life



Cycle Life in Relation to Depth of Discharge



Self Discharge Characteristics



Supplementary charge may often fail to recover the capacity.
The battery should never be left standing till this is reached.

Supplementary charge required before us e.Optional charging way as below:
1.Charged for above 3 days at limited current 0.25CA and constant voltage 2 .25V/cell.
2.Charged for above 20 hours at limited current 0.25CA and constant voltage 2 .45V/cell.
3.Charged for 8~10hou rs at limited current 0.05CA .

No supplementary charge required
(Carry out supplementary charge before use if 100% capacity is required.)