

6-GFM Series

VRLA Battery
6-GFM-26



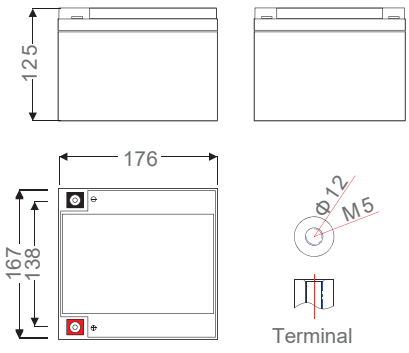
Main Applications

- ▶ UPS/EPS
- ▶ Power systems
- ▶ Telecommunications system
- ▶ Emergency lighting- Auto control system
- ▶ Solar/wind generating storage cyclic
- ▶ Other general purpose

Benefits

- ▶ Optimized capability of instant high-current discharging
- ▶ Excellent deep cycle discharge capability
- ▶ Strong high and low temperature performance
- ▶ Long life

Dimensions



Technical Parameters

Nominal Voltage	12V
Nominal Capacity	26.0Ah
Design life	5 years
Terminal	M5
Approx. Weight	Approx7.70kg (17.0lbs)
Container Material	ABS
Rated Capacity	26.0Ah: 20Hour Rate (1.30A to 10.5V) 20.2Ah: 3Hour Rate (6.73A to 10.5V) 17.2Ah: 1Hour Rate (17.2A to 9.60V)
Internal resistance	Full charged at 25°C: 15.0 mΩ
Max. Discharge Current	390A(5S)
Operating Temperature	Charge: -20 ~50°C (-4~ 122°F) Discharge: -20 ~50°C (-4~ 122°F) Storage: -20 ~50°C (-4~ 122°F)
Charge Method (25 °C)	Charge current: Max. 6.50A; Recom.2.60A Float Charge voltage(-3mV/°C): 13.5-13.8V,recom.13.5V(Full floating system) 13.5-13.8V,recom.13.62V(Cycle use system) Equalize charge:13.8-14.1V,recom.14.1V(-4mV/ °C) Cycle charge:14.4-15.0V,recom.14.4V(-5mV/ °C)
Self discharge	3% of capacity declined per month at 25°C

Certification

- ISO9001: 2008
(NO.03015Q10076R4M)
- ISO14001: 2004
(NO.03016E10080R2L)
- GB/T 28001-2011
(NO.03014S10092R2M)

Technical Features

- ▶ High corrosion resistant performance:
Pb-Ca multi-alloy grid
- ▶ High energy density and power density
- ▶ Excellent charge acceptance ability
- ▶ Precision sealing technology

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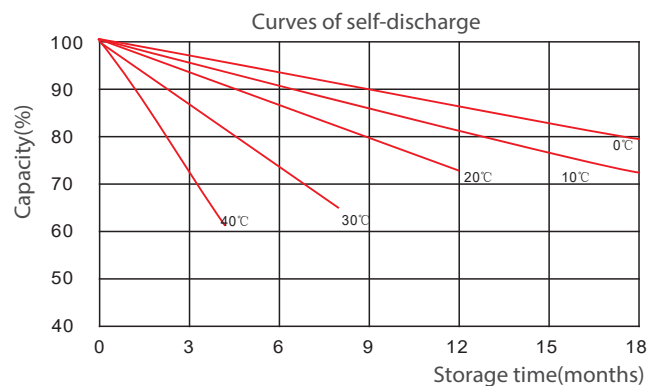
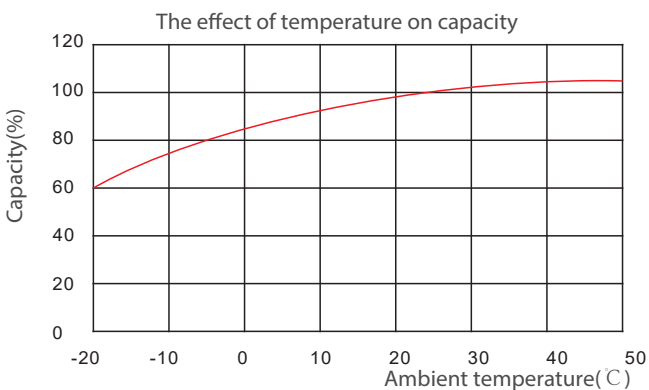
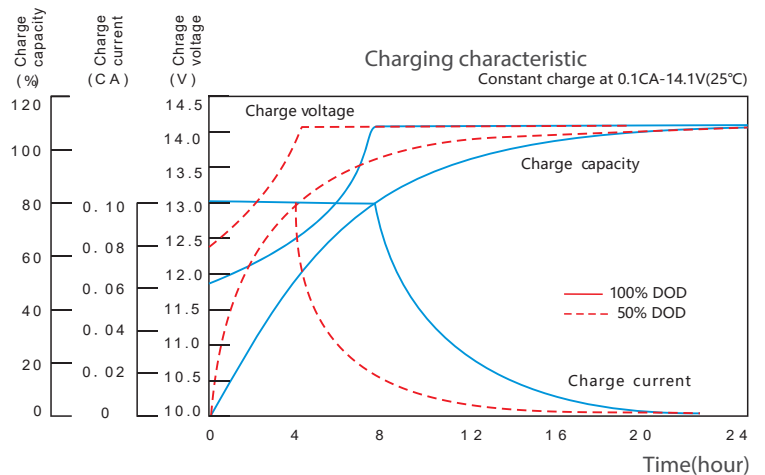
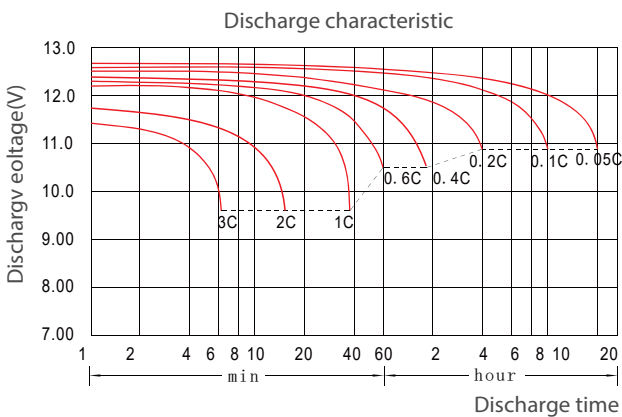
Constant Current Discharge Characteristics Unit: A (25°C, 77°F)

F.V/Time	5min	10min	15min	30min	1hr	2hr	3hr	4hr	5hr	8hr	10hr	20hr
1.60V	103	67.3	50.2	32.9	17.2	9.83	7.18	5.75	4.89	3.22	2.57	1.38
1.65V	102	64.5	46.0	31.2	16.1	9.44	6.97	5.56	4.78	3.17	2.55	1.35
1.70V	83.7	60.6	42.9	30.3	15.6	9.26	6.84	5.28	4.73	3.12	2.50	1.33
1.75V	77.7	57.7	40.0	29.6	15.1	9.02	6.73	5.20	4.52	3.04	2.44	1.30
1.80V	71.5	54.3	37.2	28.6	14.5	8.79	6.37	5.10	4.34	2.96	2.39	1.25

Constant Power Discharge Characteristics Unit: W/cell (25°C, 77°F)

F.V/Time	5min	10min	15min	30min	1hr	2hr	3hr	4hr	5hr	8hr	10hr	20hr
1.60V	193	121	91.9	55.6	31.5	18.4	13.6	10.9	9.23	6.08	4.99	2.73
1.65V	178	115	86.2	55.2	29.6	17.7	13.2	10.5	9.06	5.99	4.89	2.66
1.70V	163	111	82.3	55.0	28.7	17.4	13.0	10.0	8.80	5.93	4.85	2.63
1.75V	148	108	79.3	54.4	27.9	17.0	12.8	9.9	8.62	5.69	4.74	2.58
1.80V	133	104	75.8	54.0	27.5	16.9	12.4	9.8	8.41	5.50	4.65	2.56

Performance Curve



*Declaration:

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