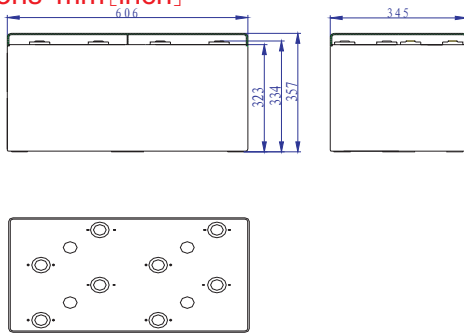


Model: **GFM-3000**

LSA SERIES

The products are used as standby power for communication, power, military and broadcast and television system. They possess precise ABS heat seal technology between container and lid and patented post seal structure. The design float life is 15 years.

Dimensions-mm[inch]



Specifications

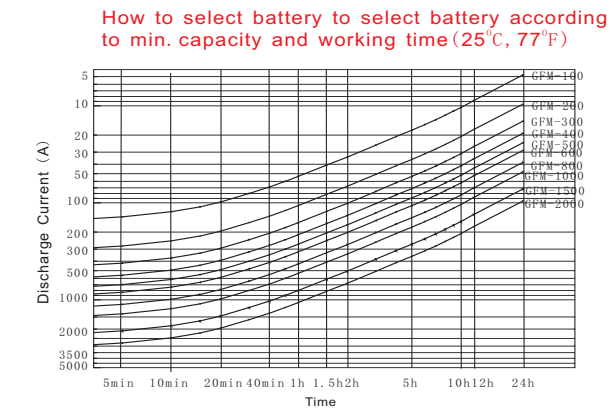
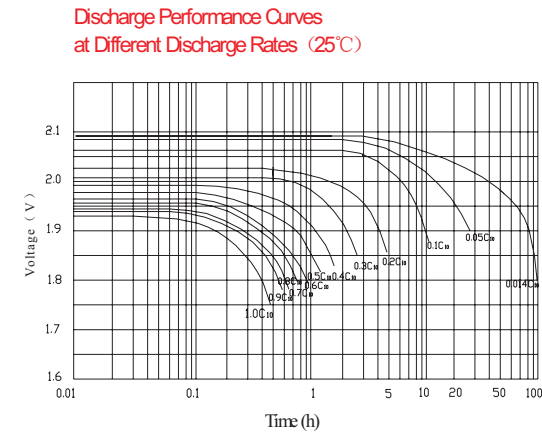
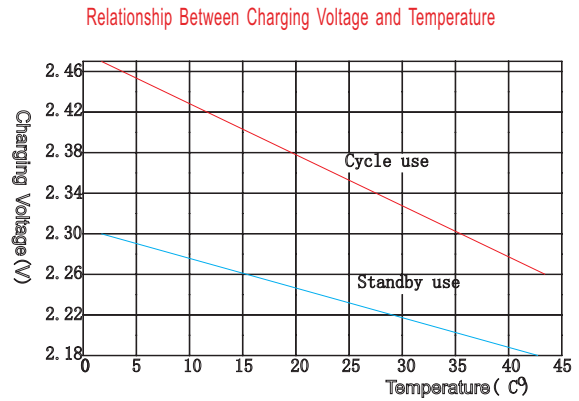
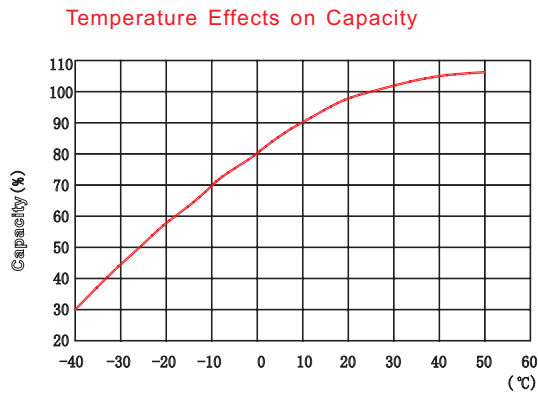
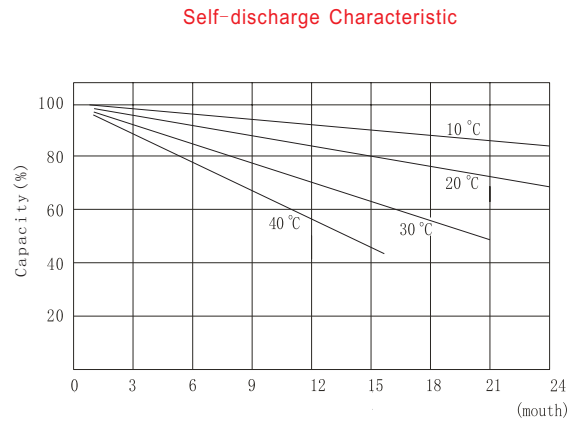
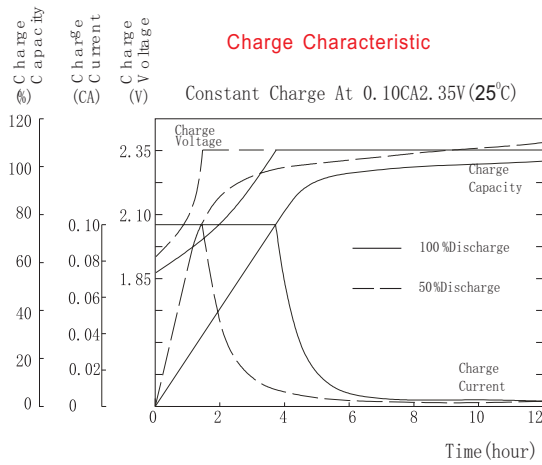
Battery Model	GFM-3000
Nominal Voltage	2V
Rated Capacity	3000Ah (10hour rate) to 1.80V/cell @25°C(77°F)
Typical Weight	197kg
Internal Resistance	Approx 0.08mΩ
Operating Temperature Range	Operation (maximum): -40°C to 55°C(-40°F to 131°F)
	Operation (recommended): 15°C to 25°C(59°F to 77°F)
	Storage: -20°C to 40°C(-4°F to 104°F)
Float Voltage	2.23V/cell@25°C(77°F)
Recommended Maximum Charging Current Limit	750A
Equalize and Cycle Service	2.35V~2.40V@25°C(77°F)
Self Discharge	The residual capacity is above 94% after 90 days storage(25°C/77°F)
Terminal	M8 Female Large Size Copper Post
Terminal Hardware Torque	15 ± 1.0Nm
Container Material	ABS (V0 optional)

Constant Current Discharge Characteristics Units: Amperes (25°C, 77°F)

F.V/Time	1MN	5MN	15MN	30MN	1HR	2HR	3HR	4HR	6HR	8HR	10HR	12HR	24HR
1.60V	4715	4288	3592	3000	1977	1215	892	744	583	393	326	281	149
1.65V	4351	4015	3376	2736	1866	11805	868	720	576	390	324	279	149
1.70V	4072	3767	3188	2502	1773	1140	829	690	562	384	319	275	148
1.75V	3847	3548	2995	2307	1674	1098	810	660	552	379	316	273	147
1.80V	3611	3346	2786	2160	1590	1065	792	645	539	372	312	269	144
1.85V	3098	2858	2356	1899	1404	960	727	590	506	357	299	258	139
1.90V	2567	2323	1838	1578	1210	803	649	536	459	324	273	238	130

Discharge Data with Constant Power Units: Watts per cell (25°C, 77°F)

F.V/Time	1MN	5MN	15MN	30MN	1HR	2HR	3HR	4HR	6HR	8HR	10HR	12HR	24HR
1.60V	8086	7359	6176	5376	3783	2406	1785	1440	1058.8	870	720	617.0	334.8
1.65V	7689	7100	5981	4986	3664	2306	1740	1410	1035.1	850.5	702	601.6	326.4
1.70V	7408	6860	5819	4823	3525	2215	1704	1374	1018.6	837	696	596.5	323.6
1.75V	7123	6575	5564	4534	3324	2118	1671	1350	996.7	819	690	591.3	320.9
1.80V	6766	6275	5240	4238	3060	2040	1620	1329	974.8	801	678	581.0	315.3
1.85V	5975	5521	4565	3660	2622	1890	1530	1257	919.3	755.4	642	550.2	298.5
1.90V	5101	4625	3680	2993	2223	1704	1395	1164	868.1	708	604.2	517.8	284.2



NARADA POWER SOURCE CO.,LTD.
 No.459 Wensan Road, Hangzhou, Zhejiang, P.R.China
 Tel:+86-571-28827013 Fax:+86-571-85126942
 Website:www.naradabattery.com E-mail:intl@narada.biz

NARADA EUROPE LTD.
 PO Box 1137, Hemel Hempstead, HP1 9BQ, UK
 Tel:+44 (0) 1442 249791 Fax:+44 (0) 1442 229380
 E-mail: Sales@naradaeurope.com

NARADA ASIA PACIFIC PTE.LTD.
 65 Ubi Crescent, Ubi Centre #08-02 Singapore
 Tel:+65-68481191/+65-67421208 Fax:+65-67493498
 E-mail: Sales@narada.com.sg

