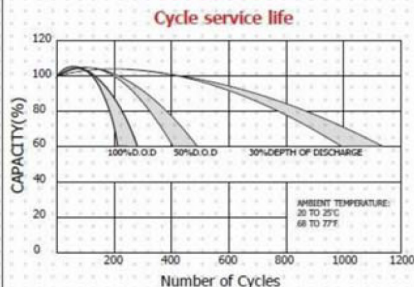
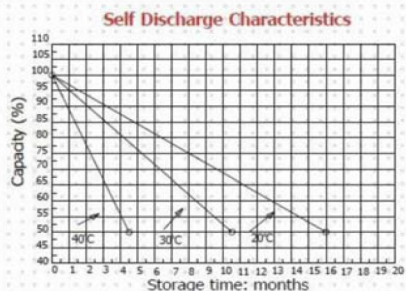
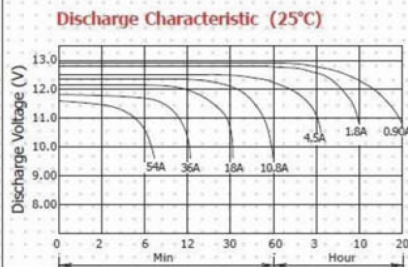
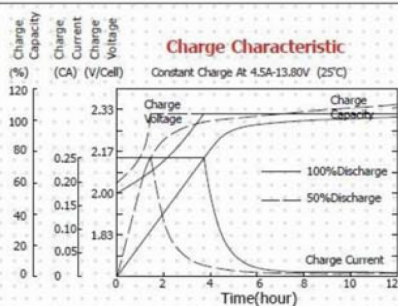


Constant current discharge ratings 25°C

End Voltage	5min	10min	15min	30min	45min	1hr	2hr	3hr	4hr	5hr	10hr	20hr
1. 60V	25. 4	15. 8	13. 4	8. 09	6. 02	4. 55	2. 61	1. 89	1. 50	1. 25	0. 71	0. 39
1. 65V	23. 8	15. 0	12. 8	7. 86	5. 96	4. 46	2. 57	1. 86	1. 48	1. 23	0. 70	0. 38
1. 70V	21. 8	14. 4	12. 2	7. 23	5. 66	4. 32	2. 51	1. 80	1. 46	1. 20	0. 68	0. 37
1. 75V	21. 4	14. 0	11. 6	7. 01	5. 54	4. 18	2. 45	1. 71	1. 43	1. 19	0. 66	0. 36
1. 80V	19. 2	13. 4	11. 2	6. 78	5. 38	4. 10	2. 38	1. 68	1. 40	1. 14	0. 65	0. 35
1. 85V	16. 9	12. 7	10. 6	6. 44	5. 11	3. 89	2. 26	1. 59	1. 33	1. 08	0. 61	0. 33

Constant power discharge ratings 25°C

End Voltage	5min	10min	15min	30min	45min	1hr	2hr	3hr	4hr	5hr	10hr	20hr
1. 60V	44. 5	28. 5	25. 0	15. 5	11. 2	8. 88	5. 11	3. 71	2. 96	2. 46	1. 36	0. 73
1. 65V	43. 0	27. 8	24. 2	15. 2	10. 9	8. 73	5. 05	3. 68	2. 93	2. 45	1. 35	0. 72
1. 70V	40. 5	27. 5	23. 3	14. 74	10. 6	8. 48	4. 96	3. 61	2. 88	2. 41	1. 33	0. 71
1. 75V	40. 7	27. 4	22. 1	14. 29	10. 3	8. 23	4. 85	3. 55	2. 85	2. 38	1. 32	0. 68
1. 80V	37. 3	27. 0	20. 8	13. 5	9. 91	7. 96	4. 71	3. 46	2. 78	2. 33	1. 31	0. 67
1. 85V	33. 8	25. 7	19. 8	12. 82	9. 41	7. 56	4. 47	3. 28	2. 64	2. 21	1. 24	0. 64

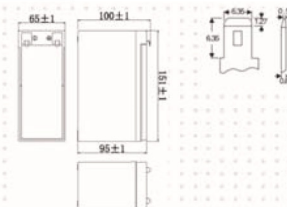


بهین صنعت

Behin Sanat Power Solutions

UPS Stabilizer Battery

Type:
G-FM-7
VRLA Battery
Flame Retardant Case



Specifications

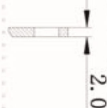
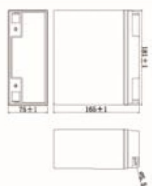
Nominal voltage	12V
Nominal capacity	7Ah (20hr, 25°C)
Approximate weight	2.2 kg
Energy density	85.6 Wh/L
Specific energy	38.2 Wh/Kg
Internal resistance	26 mΩ
Terminals	F2-250
Discharge temperature	-40°C~50°C
Charge temperature	-20°C~50°C
Storage temperature	-20°C~40°C
Best range	15°C~25°C
Equalizing charge	14.50~14.90V (25°C)
Float voltage	13.65~13.80V (25°C)
Self-discharge & storage	1Month: 98%
	3Month: 94%
	6Month: 86%
Case material	ABS (FLAME RETARDANT UL94)
Designed life	5 Years

☎ ۰۲۱-۷۷۴۴۲۰۰۵

دفتر مرکزی: تهران . نارمک . خیابان جانبازان شرقی . پلاک ۱۹ . طبقه ۲

Type:
6-FM-18

VRLA Battery
Flame Retardant Case



Specifications

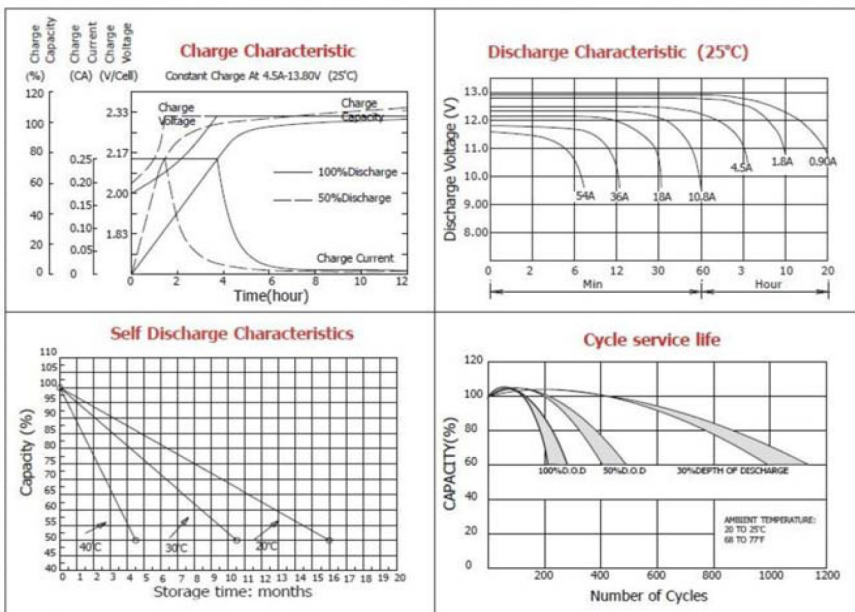
Nominal voltage	12V
Nominal capacity	18Ah (20hr, 25°C)
Approximate weight	5.7kg
Energy density	95.1 Wh/L
Specific energy	37.8 Wh/Kg
Internal resistance	10.4 mΩ
Terminals	Copper
Discharge temperature	-40°C~50°C
Charge temperature	-20°C~50°C
Storage temperature	-20°C~40°C
Best range	15°C~25°C
Equalizing charge	14.50~14.90V (25°C)
Float voltage	13.65~13.80V (25°C)
Self-discharge & storage	1Month: 98%
	3Month: 94%
	6Month: 86%
Case material	ABS (FLAME RETARDANT UL94)
Designed life	5 Years

Constant current discharge ratings 25°C

End Voltage	5min	10min	15min	30min	45min	1hr	2hr	3hr	4hr	5hr	10hr	20hr
1.60V	70.3	43.8	33.9	19.8	15.3	12.1	6.90	5.05	4.09	3.28	1.79	0.97
1.65V	66.0	41.5	33.7	19.7	15.1	11.9	6.82	4.86	4.07	3.24	1.77	0.95
1.70V	60.5	40.0	32.9	19.5	14.9	11.0	6.75	4.82	3.98	3.19	1.76	0.94
1.75V	59.3	38.8	31.9	19.0	14.6	10.8	6.66	4.75	3.96	3.14	1.74	0.93
1.80V	53.0	37.0	30.3	18.5	14.2	10.4	6.56	4.66	3.92	3.08	1.72	0.91
1.85V	46.8	35.3	28.8	17.57	13.49	9.88	6.23	4.42	3.72	2.92	1.63	0.86

Constant power discharge ratings 25°C

End Voltage	5min	10min	15min	30min	45min	1hr	2hr	3hr	4hr	5hr	10hr	20hr
1.60V	123.0	79.0	57.2	37.83	29.83	24.16	13.6	9.35	8.28	6.31	3.35	1.93
1.65V	119.0	77.0	56.5	37.33	29.33	23.50	13.56	9.3	7.91	6.25	3.28	1.9
1.70V	112.0	76.3	55.5	37.0	29.00	23.33	13.36	9.16	7.56	6.23	3.26	1.88
1.75V	108.0	76.0	54.5	36.66	28.66	23.16	13.18	9.11	7.36	6.2	3.25	1.85
1.80V	103.0	74.9	53.2	36.16	28.16	22.83	13.05	8.93	7.01	6.13	3.23	1.81
1.85V	93.6	71.0	51.9	34.35	26.75	21.68	12.39	8.48	6.65	5.82	3.06	1.71

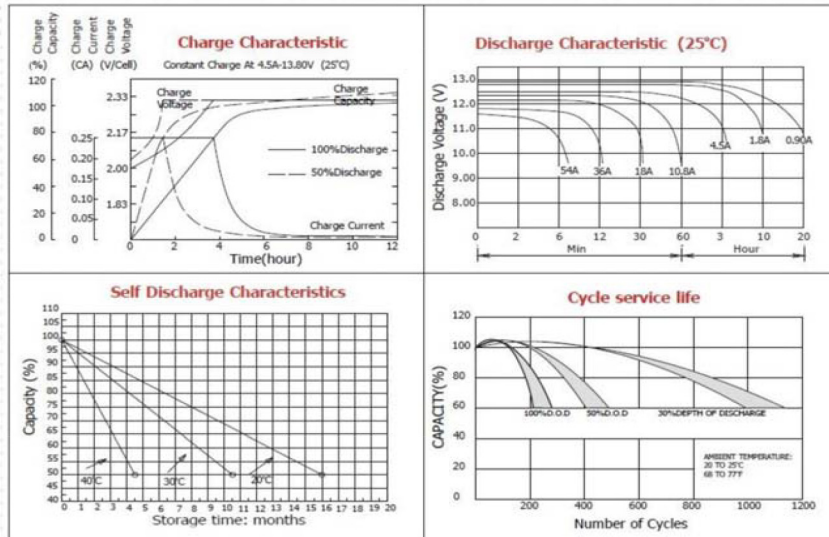


Constant current discharge ratings 25°C

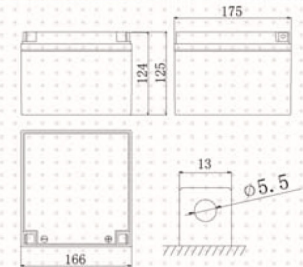
End Voltage	5min	10min	15min	30min	45min	1hr	2hr	3hr	4hr	5hr	10hr	20hr
1.60V	91.0	62.4	43.2	25.9	20.4	16.3	9.2	6.8	5.5	4.7	2.7	1.3
1.65V	89.9	61.4	42.4	25.2	20.1	16.2	9.1	6.7	5.4	4.6	2.6	1.2
1.70V	87.7	59.9	41.4	24.7	19.9	16.1	9.0	6.6	5.3	4.5	2.5	1.1
1.75V	82.2	54.7	38.3	24.2	19.4	16.0	8.9	6.5	5.2	4.4	2.4	1.0
1.80V	76.4	48.1	38.6	23.5	18.9	15.9	8.7	6.4	5.1	4.3	2.3	0.9
1.85V	72.3	46.1	37.2	22.3	18.1	15.7	8.3	6.3	4.9	4.2	2.2	0.8

Constant power discharge ratings 25°C

End Voltage	5min	10min	15min	30min	45min	1hr	2hr	3hr	4hr	5hr	10hr	20hr
1.60V	150	103	77.6	48.9	39.7	32.1	18.1	12.9	11.0	8.4	5.2	2.6
1.65V	142	102	76.8	47.9	39.0	31.5	18.0	12.8	10.5	8.3	5.1	2.5
1.70V	133	100	75.5	46.6	38.6	30.2	17.7	12.7	10.0	8.2	5.0	2.4
1.75V	124	92.1	70.1	45.4	38.1	29.9	17.5	12.6	9.8	8.1	4.9	2.3
1.80V	111	89.6	67.9	44.1	37.4	29.4	17.3	12.5	9.3	8.0	4.8	2.2
1.85V	106.9	87.8	65.6	42.8	36.5	29.1	16.5	12.5	8.8	7.8	4.7	2.1



Type:
6-GFM-24
VRLA Battery
Flame Retardant Case



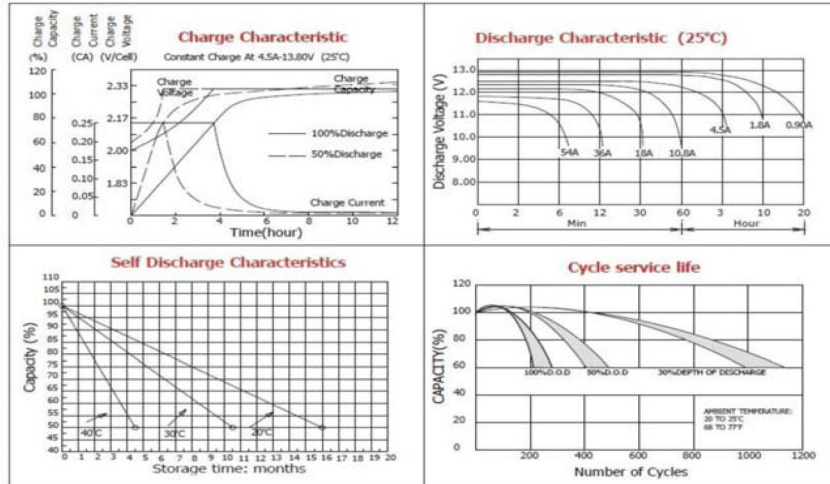
Nominal voltage	12V
Nominal capacity	24Ah (10hr, 25°C)
Approximate weight	8.2 kg
Energy density	79.3 Wh/L
Specific energy	35.1 Wh/Kg
Internal resistance	9.6 mΩ
Terminals	φ5
Discharge temperature	-40°C ~ 50°C
Charge temperature	-20°C ~ 50°C
Storage temperature	-20°C ~ 40°C
Best range	15°C ~ 25°C
Equalizing charge	14.50 ~ 14.90V (25°C)
Float voltage	13.65 ~ 13.80V (25°C)
Self-discharge & storage	1Month: 98%
	3Month: 94%
	6Month: 86%
Case material	ABS (FLAME RETARDANT UL94)
Designed life	5Years

Constant current discharge ratings 25°C

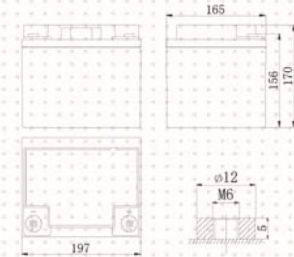
End Voltage	5min	10min	15min	30min	45min	1hr	2hr	3hr	4hr	5hr	10hr	20hr
1.60V	140	96.0	74.3	43.9	32.4	27.0	14.5	10.3	8.4	6.9	4.0	2.1
1.65V	132	93.6	73.4	42.5	31.7	25.8	14.4	10.2	8.3	6.8	3.91	2.02
1.70V	126	89.4	71.3	39.8	29.9	24.5	14.3	9.9	8.1	6.7	3.82	1.94
1.75V	116	86.0	69.8	37.9	28.6	23.2	14.1	9.7	8.0	6.6	3.77	1.86
1.80V	106.0	82.4	67.8	36.9	27.9	22.7	13.8	9.5	7.9	6.5	3.74	1.79
1.85V	99.8	79.6	65.8	35.6	26.8	21.9	13.1	9.1	7.5	6.3	3.71	1.75

Constant power discharge ratings 25°C

End Voltage	5min	10min	15min	30min	45min	1hr	2hr	3hr	4hr	5hr	10hr	20hr
1.60V	231	163	126.6	76.3	55.7	46.3	28.2	20.6	16.7	13.8	7.9	4.2
1.65V	221	157	123.1	75.1	55.2	46.0	27.7	20.3	16.5	13.5	7.8	4.1
1.70V	210	153	119.7	73.7	54.7	45.0	27.5	19.7	16.1	13.3	7.7	4.0
1.75V	190	143	114.2	71.5	54.0	44.7	27.0	19.2	15.9	13.1	7.6	3.9
1.80V	184	133	107.3	70.2	53.0	43.6	26.6	18.8	15.7	12.9	7.5	3.8
1.85V	159	112	94.8	65.5	50.4	41.5	25.4	17.9	14.9	12.3	7.4	3.7



Type:
6-GFM-40
VRLA Battery
Flame Retardant Case



Specifications

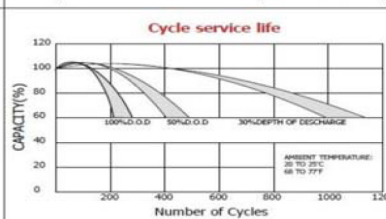
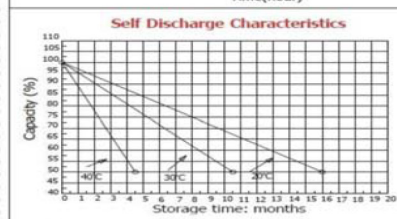
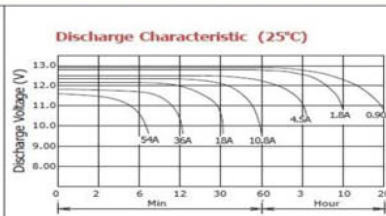
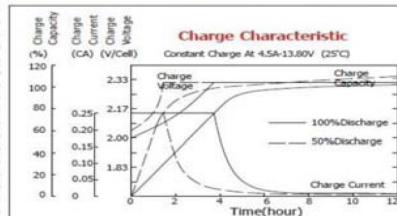
	12V
Nominal capacity	40Ah (20hr, 25°C)
Approximate weight	12.1 kg
Energy density	82.5 Wh/L
Specific energy	38 Wh/Kg
Internal resistance	8.6 mΩ
Terminals	M6
Discharge temperature	-40°C~50°C
Charge temperature	-20°C~50°C
Storage temperature	-20°C~40°C
Best range	15°C~25°C
Equalizing charge	14.50~14.90V (25°C)
Float voltage	13.65~13.80V (25°C)
Self-discharge & storage	1Month: 98%
	3Month: 94%
	6Month: 86%
Case material	ABS (FLAME RETARDANT UL94)
Designed life	5Years

Constant current discharge ratings 25°C

End Voltage	5min	10min	15min	30min	45min	1hr	2hr	3hr	4hr	5hr	10hr	20hr
1.60V	350	240	173.4	99.7	82.2	65.1	35.4	27.5	20.5	18.4	10.9	5.5
1.65V	315	222	169.6	98.3	81.6	64.9	35.2	27.4	20.4	18.3	10.7	5.4
1.70V	299	214	165.8	96.1	80.9	64.1	35.1	27.3	20.0	18.2	10.6	5.3
1.75V	266	199	159.4	93.9	79.9	63.6	34.6	26.8	19.7	18.0	10.4	5.2
1.80V	240	189	152.8	91.6	79.0	62.7	34.1	25.9	19.3	17.8	10.1	5.1
1.85V	190	152	129.6	88.9	77.7	61.4	33.6	25.4	18.9	17.3	9.8	5.0

Constant power discharge ratings 25°C

End Voltage	5min	10min	15min	30min	45min	1hr	2hr	3hr	4hr	5hr	10hr	20hr
1.60V	567	398	302.1	192.2	147.5	123.2	69.3	53.5	39.6	35.7	21.2	10.9
1.65V	547	393	274.5	185.8	142.4	118.8	68.5	52.7	39.4	35.5	20.8	10.8
1.70V	511	383	267.6	184.8	137.3	115.2	68.4	51.6	38.7	35.3	20.5	10.7
1.75V	476	358	249.5	178.3	135.2	114.1	67.7	50.5	38.2	34.8	20.0	10.6
1.80V	427	333	231.3	174.7	132.4	112.2	66.0	49.2	37.6	34.5	19.7	10.5
1.85V	342	276	224.4	166.5	128.3	111.8	64.1	47.7	36.5	33.4	19.1	10.3

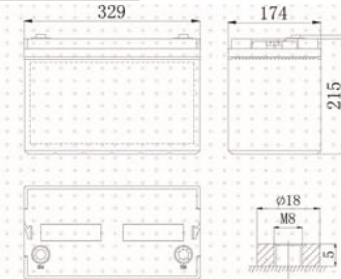


Type:

6-GFM-100

VRLA Battery

Flame Retardant Case



Specifications

Nominal voltage	12V
Nominal capacity	100Ah (20hr, 25°C)
Approximate weight	29.5 kg
Energy density	97.5 Wh/L
Specific energy	41 Wh/Kg
Internal resistance	5.6 mΩ
Terminals	M8
Discharge temperature	-40°C ~ 50°C
Charge temperature	-20°C ~ 50°C
Storage temperature	-20°C ~ 40°C
Best range	15°C ~ 25°C
Equalizing charge	14.50V ~ 14.90V (25°C)
Float voltage	13.65 ~ 13.80V (25°C)
Self-discharge & storage	1Month: 99% 3Month: 97% 6Month: 86%
Case material	ABS (FLAME RETARDANT UL94)
Designed life	5Years