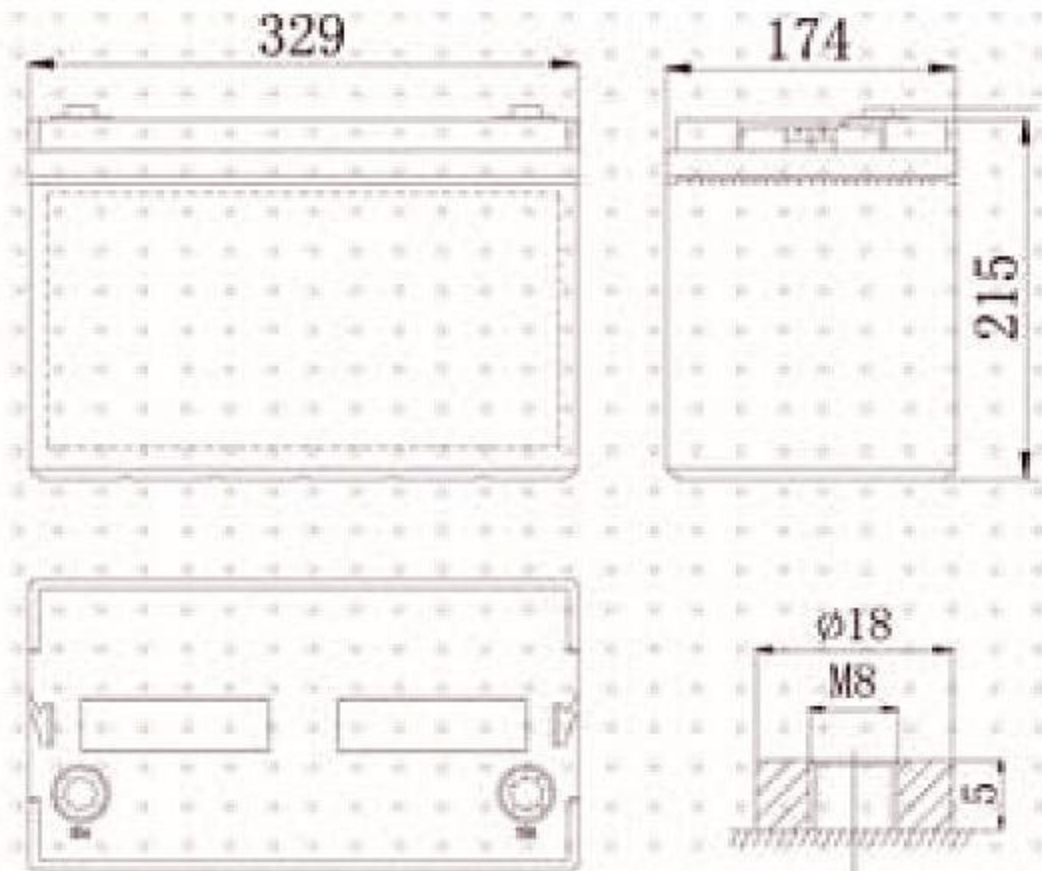


Type:
6-GFM-100

VRLA Battery

Flame Retardant Case



Specifications

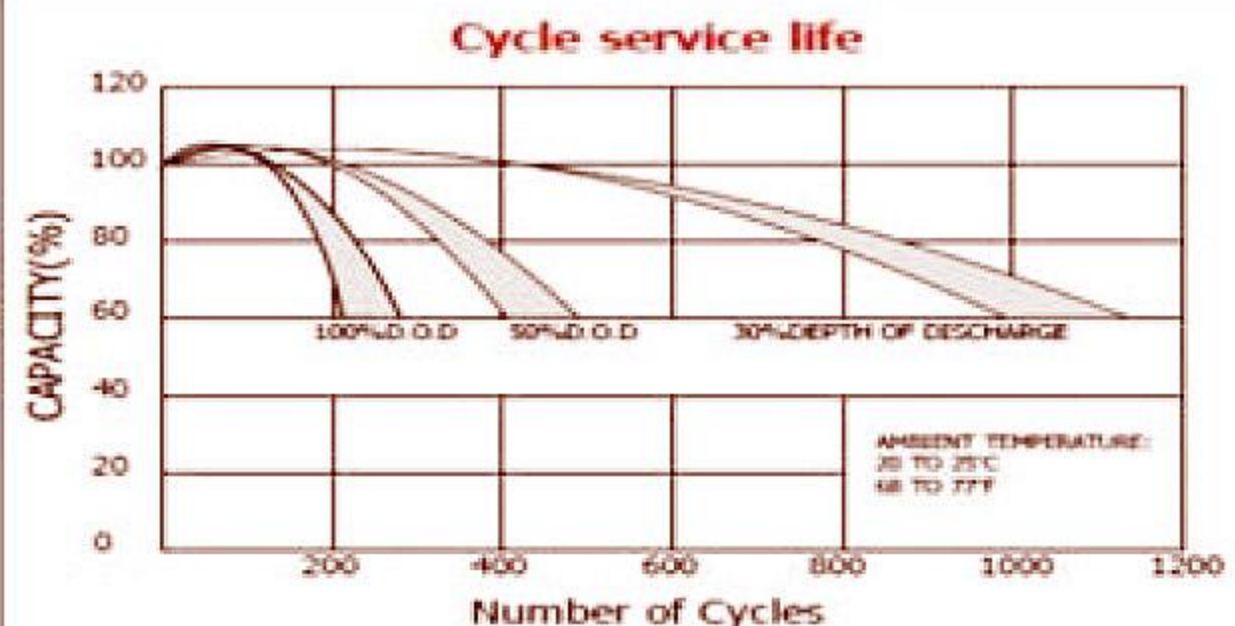
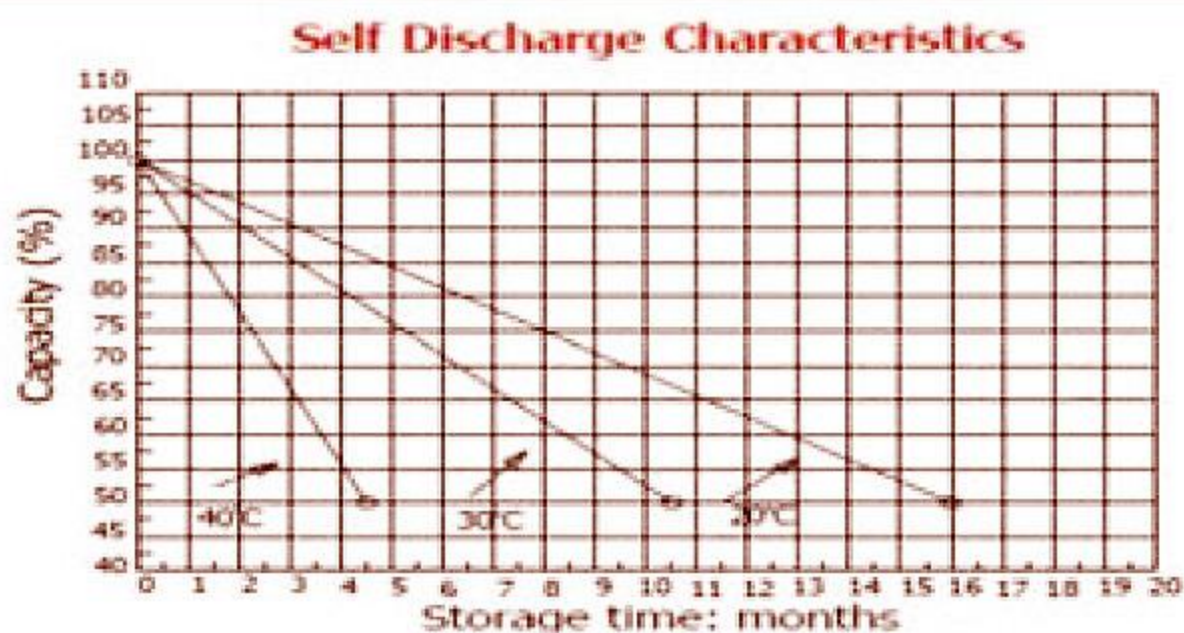
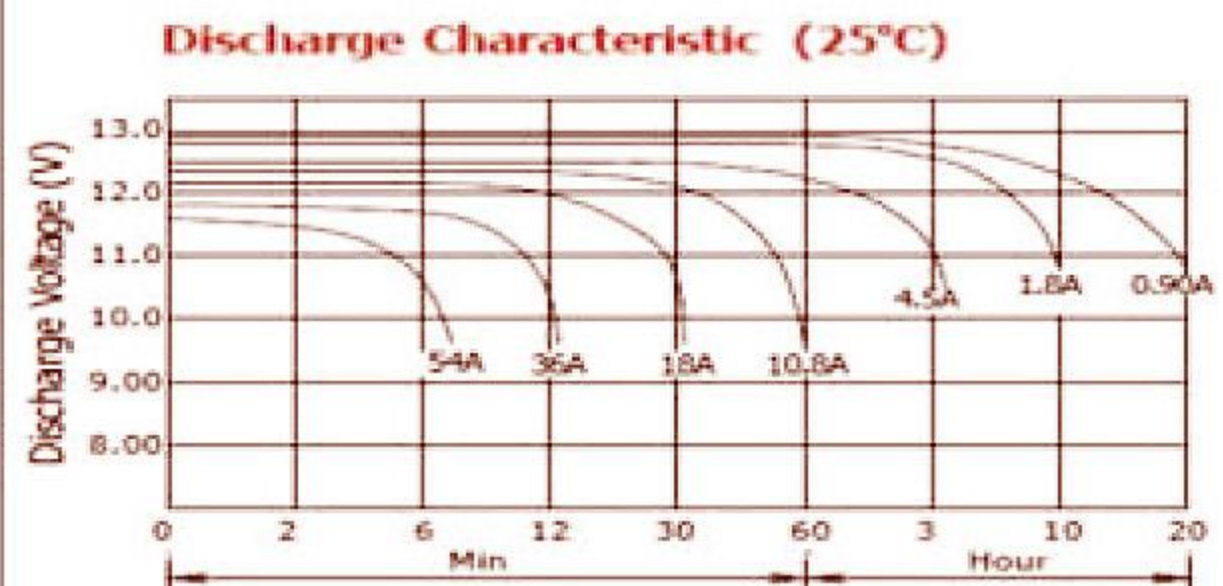
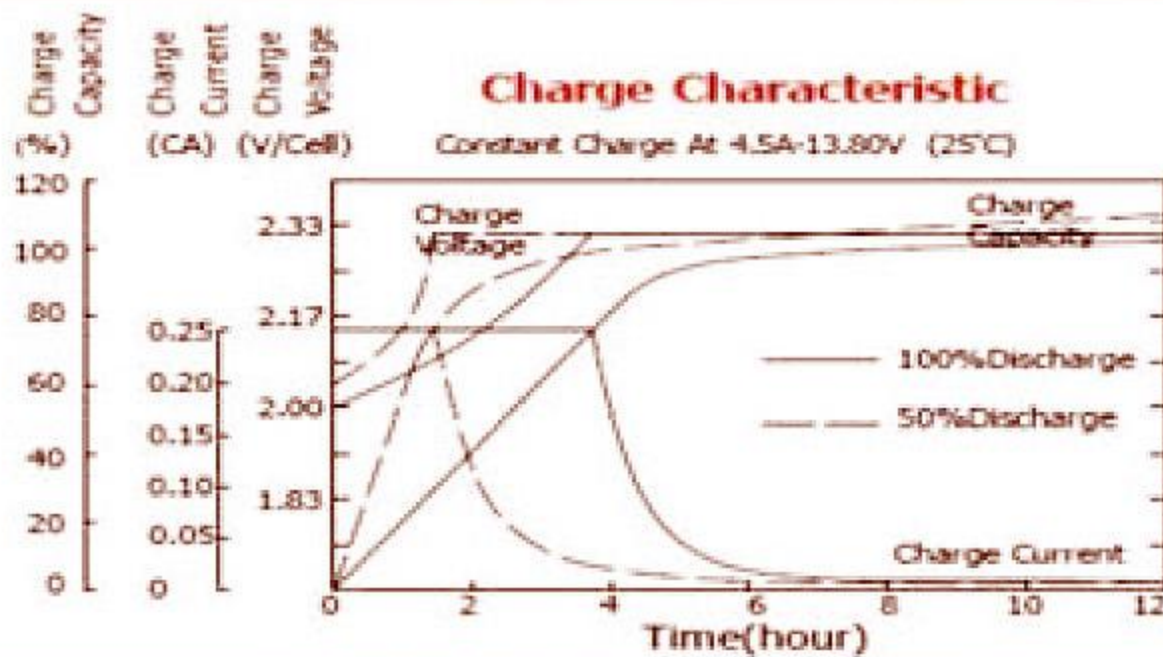
Nominal voltage	12V
Nominal capacity	100Ah (20hr, 25°C)
Approximate weight	29.5 kg
Energy density	97.5 Wh/L
Specific energy	41 Wh/Kg
Internal resistance	5.6 mΩ
Terminals	M8
Discharge temperature	-40°C ~ 50°C
Charge temperature	-20°C ~ 50°C
Storage temperature	-20°C ~ 40°C
Best range	15°C ~ 25°C
Equalizing 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

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



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