



# Valve Regulated Lead Acid batteries

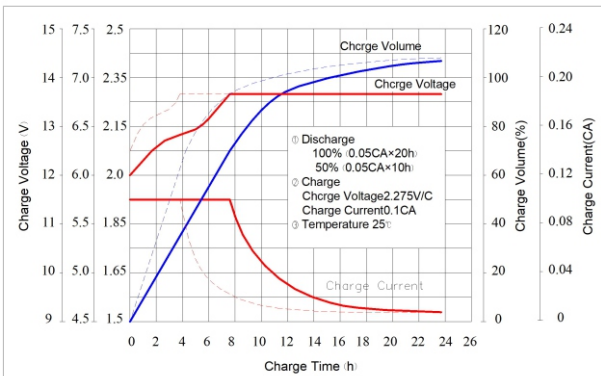
**GS1270 12V7Ah(20Hr)**

**GS Series**

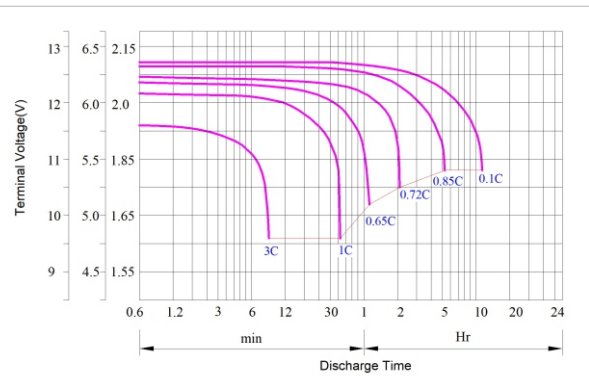
## CONSTRUCTION

Component	Cover	Container Bottom	Terminal	Positive Plate	Negative Plate	Separator	Electrolyte	Safety Valve
Raw material	A.B.S.	A.B.S.	Cu	PbO <sub>2</sub>	Pb	AGM	Dilute Sulphuric Acid	Rubber

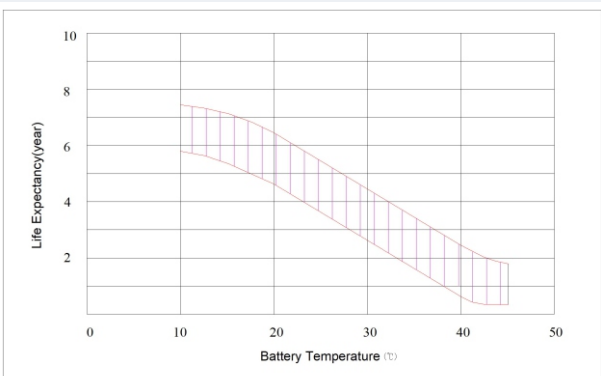
### Charge Characteristics Curve



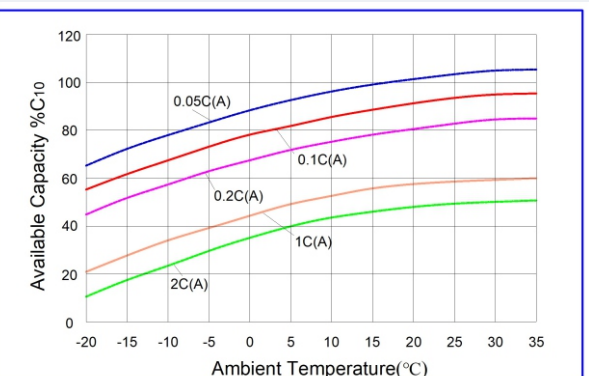
### Charge Characteristics Curve



### Effect of Temperature on Long Term Float Life



### Temperature Effects Curve



### Constant current discharge ratings-amperes at 25°C

Cut-off Voltage	Discharge Time								
	5M	10M	15M	30M	1h	3h	5h	10h	20h
1.60V	16.3	11.1	8.03	4.91	2.93	1.23	0.794	0.463	0.245
1.65V	15.0	10.5	7.87	4.84	2.84	1.23	0.794	0.463	0.245
1.70V	14.0	9.85	7.65	4.61	2.84	1.23	0.794	0.463	0.245
1.75V	12.4	9.12	7.23	4.54	2.79	1.19	0.758	0.449	0.239
1.80V	11.2	8.46	6.92	4.44	2.74	1.16	0.739	0.430	0.230

### Constant power discharge ratings-watts at 25°C

Cut-off Voltage	Discharge Time								
	5M	10M	15M	30M	1h	3h	5h	10h	20h
1.60V	26.0	17.8	14.0	8.98	5.50	2.26	1.48	0.840	0.445
1.65V	25.6	17.8	13.9	8.79	5.50	2.26	1.48	0.840	0.445
1.70V	24.9	17.3	13.6	8.38	5.50	2.26	1.48	0.840	0.445
1.75V	21.6	16.2	12.8	7.29	5.39	2.23	1.47	0.827	0.438
1.80V	19.3	15.0	12.1	6.85	5.28	2.20	1.45	0.818	0.432