



# Valve Regulated Lead Acid batteries

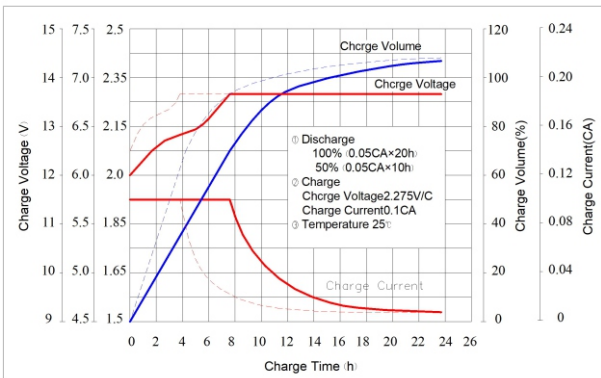
**GS1270 12V7Ah(20Hr)**

**GS Series**

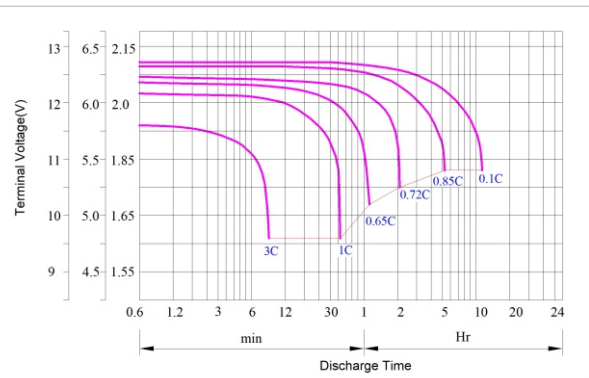
## CONSTRUCTION

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

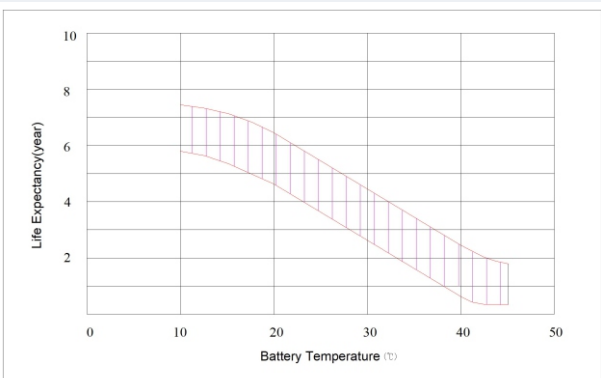
### Charge Characteristics Curve



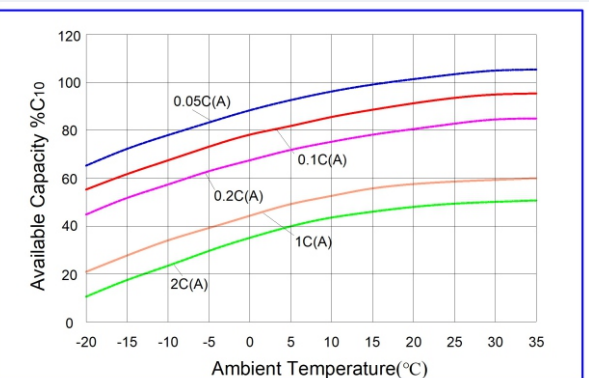
### Charge Characteristics Curve



### 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	17.4	11.8	8.57	5.24	3.12	1.31	0.847	0.494	0.261
1.65V	16.0	11.2	8.39	5.17	3.02	1.31	0.847	0.494	0.261
1.70V	14.9	10.5	8.16	4.91	3.02	1.31	0.847	0.494	0.261
1.75V	13.3	9.73	7.71	4.84	2.97	1.27	0.809	0.479	0.255
1.80V	12.0	9.02	7.38	4.74	2.92	1.23	0.789	0.459	0.245

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

Cut-off Voltage	Discharge Time								
	5M	10M	15M	30M	1h	3h	5h	10h	20h
1.60V	27.7	19.0	15.0	9.57	5.87	2.41	1.58	0.896	0.475
1.65V	27.3	19.0	14.9	9.38	5.87	2.41	1.58	0.896	0.475
1.70V	26.6	18.5	14.5	8.94	5.87	2.41	1.58	0.896	0.475
1.75V	23.0	17.2	13.7	7.77	5.75	2.38	1.57	0.882	0.468
1.80V	20.6	16.1	12.9	7.31	5.63	2.35	1.55	0.872	0.460