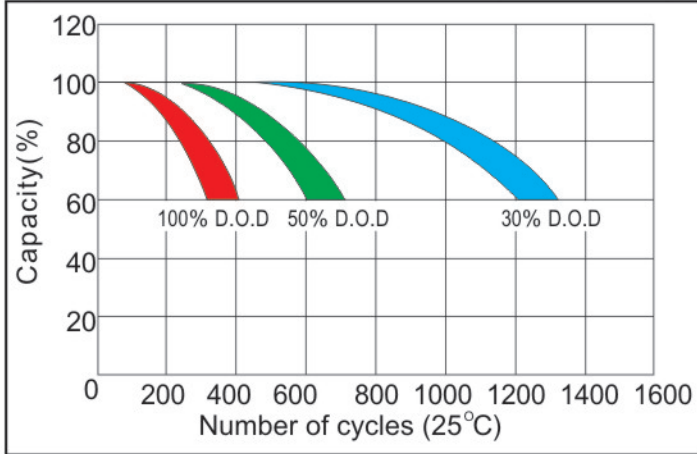


MODEL: PR1.3-6

NO.: 302010005-00006

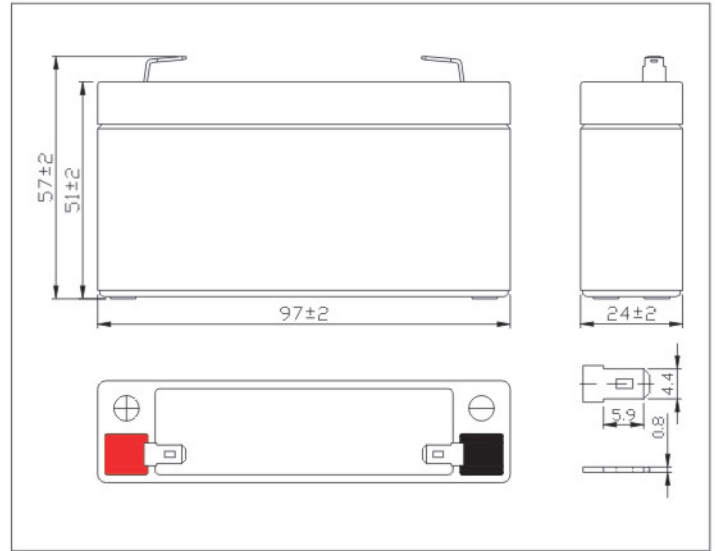
**POWER
AGM**

Cycle service life in relation to the depth of discharge



Plane Chart:

Unit:(mm) Terminal type:(F0)



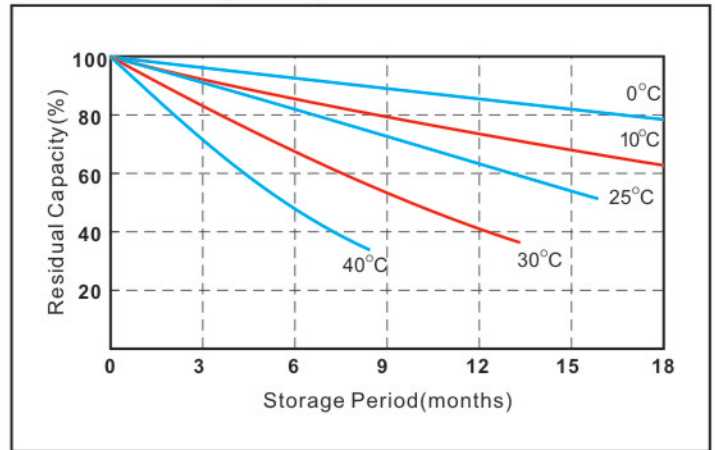
ISO 9001
ISO 14001
OHSAS18001



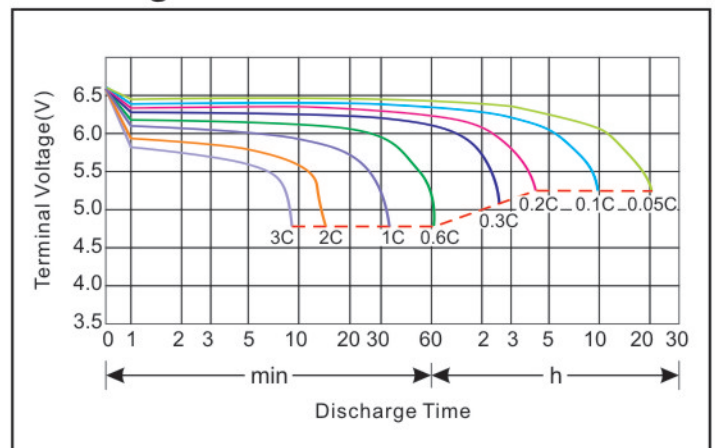
Parameter Chart:

Volts		6V	
Capacity(25°C)	20 hours rate (0.065A)	1.3Ah	
Discharge Current Testing (25°C)	20 I ₂₀ rate (1.3A,27min)	35min	
	60 I ₂₀ rate (3.9A,7min)	8min	
Internal Resistance	Full Charged Battery 25°C	72mΩ	
Capacity Affected By Temperature	40°C	104%	
	25°C	100%	
	0°C	83%	
	-15°C	65%	
Residual Capacity (25°C)	Capacity After 3 Months Storage	91%	
	Capacity After 6 Months Storage	82%	
	Capacity After 12 Months Storage	65%	
Charge (Constant Voltage)	Cycle (25°C)	Initial Charging Current Less Than 0.39A Voltage 7.25~7.45V	
	Float (25°C)	Charge Voltage 6.8~6.9V	
Weight (Approx)		0.29Kg	

Residual Capacity

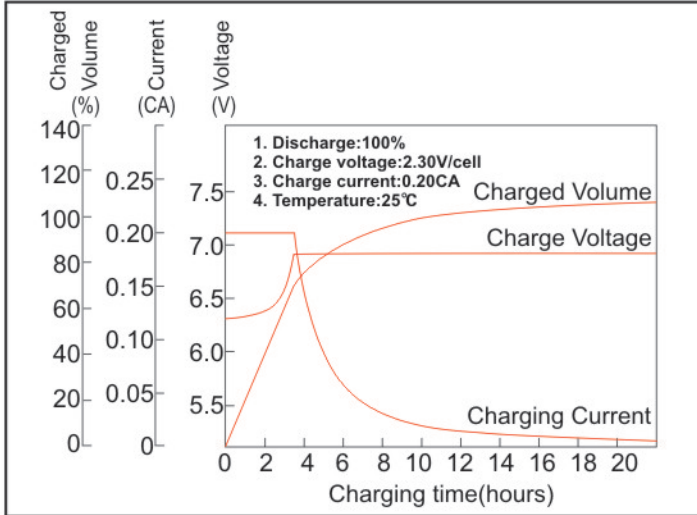


Discharge Current 25°C

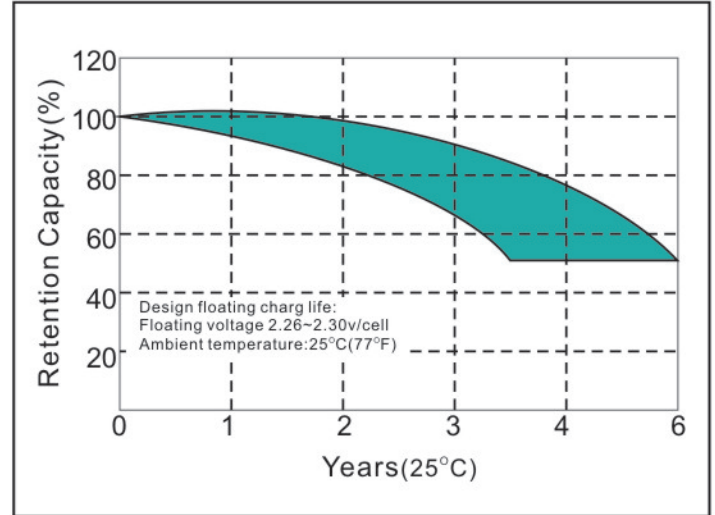


★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.

Constant voltage charging characteristics



Float Life



Constant Current Discharge Characteristics (A,25°C)

F.V/Time	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
4.80V	4.53	2.89	2.33	1.41	0.78	0.47	0.34	0.23	0.16	0.13	0.07
5.10V	4.31	2.74	2.23	1.35	0.75	0.46	0.33	0.23	0.15	0.12	0.07
5.25V	4.18	2.66	2.18	1.32	0.73	0.46	0.33	0.22	0.15	0.12	0.06
5.40V	4.04	2.57	2.12	1.28	0.72	0.45	0.32	0.22	0.15	0.12	0.06

Constant Current Discharge Characteristics (Watt, 25°C)

F.V/Time	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
4.80V	25.24	16.29	13.23	8.07	4.54	2.75	2.00	1.38	0.89	0.75	0.41
5.10V	24.01	15.44	12.74	7.75	4.36	2.71	1.97	1.36	0.88	0.73	0.40
5.25V	23.28	14.95	12.42	7.56	4.25	2.68	1.94	1.34	0.87	0.71	0.39
5.40V	22.54	14.46	12.10	7.36	4.14	2.65	1.92	1.32	0.87	0.70	0.38

Capacity Factors With Different Temperature

Battery Type		-20°C	-10°C	0°C	5°C	10°C	20°C	25°C	30°C	40°C	45°C
Battery	6V	50%	70%	83%	85%	90%	98%	100%	102%	104%	105%

★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.