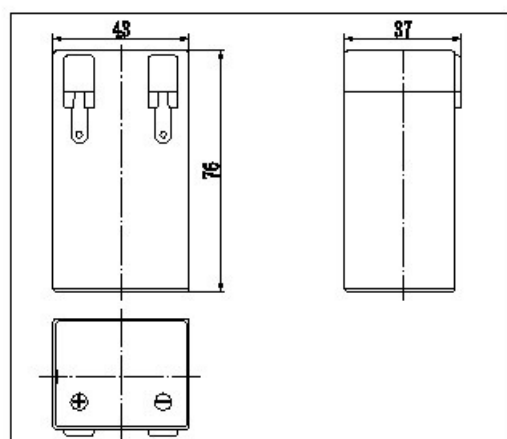


Dimensions



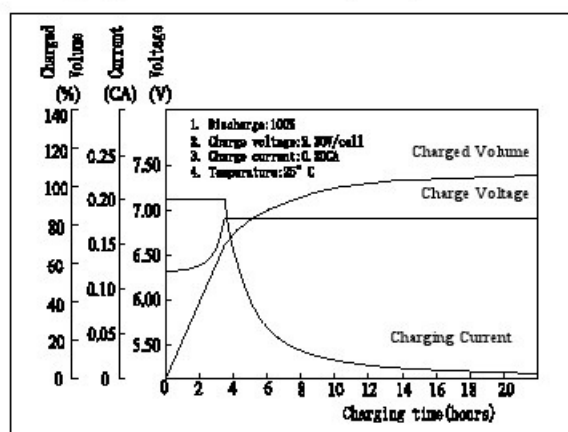
PRB623T (6V2.Ah)

Specifications

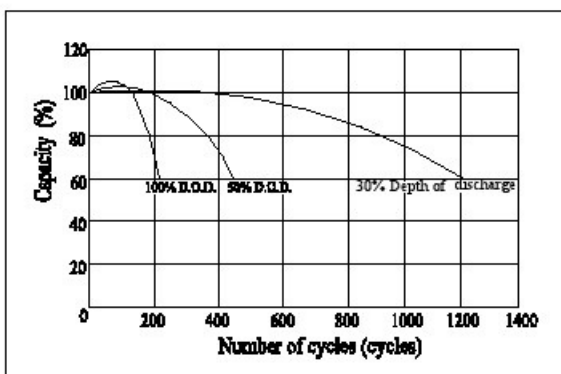
Nominal Voltage		6 V
Capacity(20HR, 25°C)		2.3Ah
Dimension	Length	43mm (1.69inch)
	Width	37mm (1.46inch)
	Height	76mm (2.99inch)
	Total Height	76mm (2.99inch)
Approx. Weight		0.34kg (0.75lbs)
Internal resistance (Fully charged, 25°C)		Approx. 40mΩ
Capacity affected by temperature (20HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 month	Remaining Capacity: 91%
	6 month	Remaining Capacity: 82%
	12 month	Remaining Capacity: 65%
Nominal operating temperature		25°C ± 3°C (77°F ± 5°F)
Operating temperature range		-15°C ~ 50°C (5°F ~ 122°F)
Float charging voltage(25°C)		6.80 to 6.90V
Cyclic charging voltage(25°C)		7.25 to 7.45V
Maximum charging current		0.69A
Terminal material		Copper
Maximum discharge current		12A(5 sec.)

- ◆ Absorbent glass mat technology;
- ◆ Recognized by UL & CE;
- ◆ ABS container.

Charging Characteristics(25°C)



Cycle Life(25°C)



Note: Floating life at 20°C designed for 3 to 5 years.

Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
4.80V	8.05	5.05	4.00	2.25	1.38	0.54	0.37	0.20	0.115
5.10V	7.65	4.80	3.84	2.16	1.32	0.53	0.36	0.20	0.115
5.40V	7.19	4.51	3.65	2.05	1.226	0.52	0.35	0.20	0.113

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
4.80V	44.9	28.5	22.8	12.9	7.99	3.20	2.18	1.21	0.69
5.10V	42.7	27.1	21.9	12.4	7.67	3.15	2.15	1.21	0.69
5.40V	40.1	25.4	20.8	11.8	7.29	3.09	2.11	1.20	0.68