

### ⚡ Specifications

#### Nominal Voltage(V)

6V

#### Nominal Capacity

20 hour rate	(0.25A to 5.25V)	5Ah
10 hour rate	(0.475A to 5.25V)	4.75Ah
5 hour rate	(0.85A to 5.1V)	4.25Ah
1 C	(5A to 4.8V)	2.83Ah
3 C	(15A to 4.8V)	2Ah

#### Weight

Approx. 890g(1.96Lbs.)

#### Internal Resistance (at 1KHz)

Approx. 19 mΩ

#### Maximum Discharge Current for

5 seconds: 75A

#### Charging Methods at 25°C(77°F)

Cycle use:	
Charging Voltage	7.20 to 7.50V
Coefficient -5.0mV/°C/cell	
Maximum Charging Current :	1.5A
Standby use:	
Float Charging Voltage	6.75 to 6.90V
Coefficient -3.0mV/°C/cell	

#### Operating Temperature Range

Charge	-15°C(5°F)	to	40°C(104°F)
Discharge	-15°C(5°F)	to	50°C(122°F)
Storage	-15°C(5°F)	to	40°C(104°F)

#### Charge Retention (shelf life) at 20°C(68°F)

1 month	92%
3 month	90%
6 month	80%

#### Case Material

ABS UL94 HB  
Option: Flammability resistance of (UL94 V-0)

#### Design Life

3-5 Years.

#### Terminal

F1 or F2 (Faston Tab 187 or 250)



### ⚡ Dimensions

#### Length (L)

70±1 (2.76±0.04)

#### Width (W)

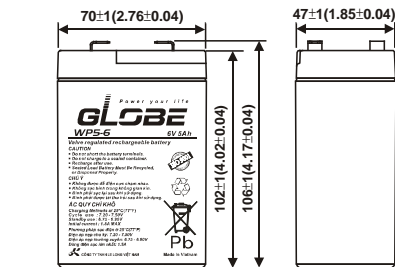
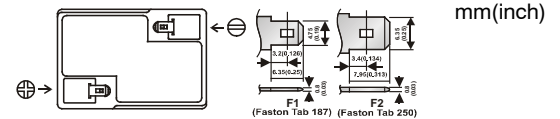
47±1 (1.85±0.04)

#### Height (H)

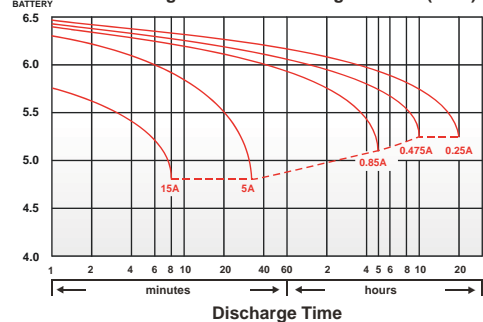
102±1 (4.02±0.04)

#### Overall Height (HT)

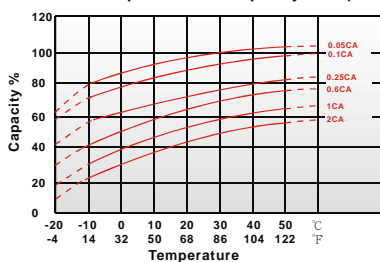
106±1 (4.17±0.04)



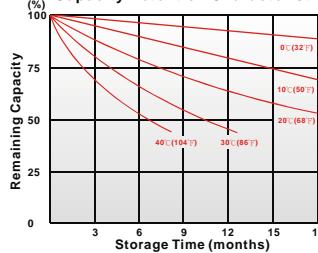
(V) FOR 6V BATTERY Discharge Time VS. Discharge Current (25°C)



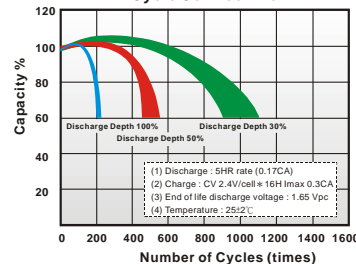
Effect of Temperature on Capacity 25°C(77°F)



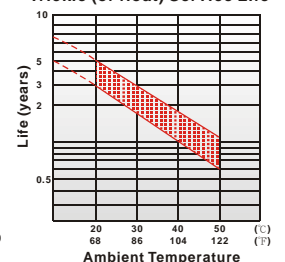
Capacity Retention Characteristic



Cycle Service Life



Trickle (or float) Service Life



010722-1E-V