

6SB0.5P 6Volt 0.5Ah

Specifications

Nominal Voltage(V) 6V

Nominal Capacity

20 hour rate	(0.025 A to 5.25 V)	0.5 Ah
10 hour rate	(0.048 A to 5.25 V)	0.475 Ah
5 hour rate	(0.085 A to 5.1 V)	0.425 Ah
1 C	(0.5 A to 4.8 V)	0.283 Ah
3 C	(1.5 A to 4.8 V)	0.2 Ah

Weight Appro x. 100g(0.22 Lbs.)

Internal Resistance (at 1KHz) Approx. 138 mΩ

Maximum Discharge Current for

5 seconds : 7.5 A

Charging Methods at 25°C (77°F)

Cycle use :

Charging Voltage 7.20 to 7.5 0V

Coefficient -5.0mV/°C/cell

Maximum Charging Current : 0.15 A

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%

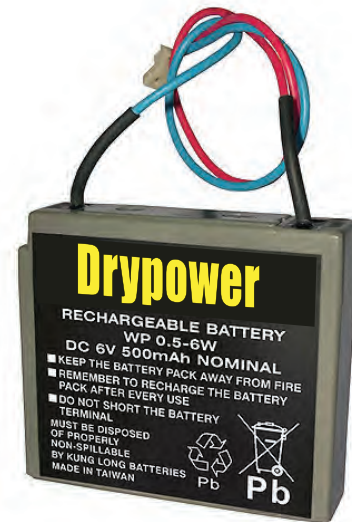
3 month 90%

6 month 80%

Case Material ABS

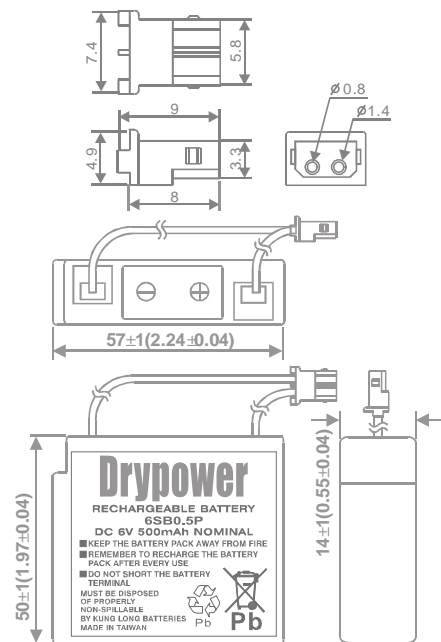
(Option : UL94 HB & UL94 V-0 flame retardant)

Terminal WIRE

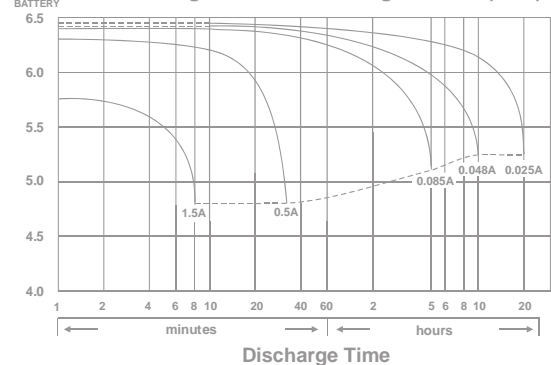


Dimensions

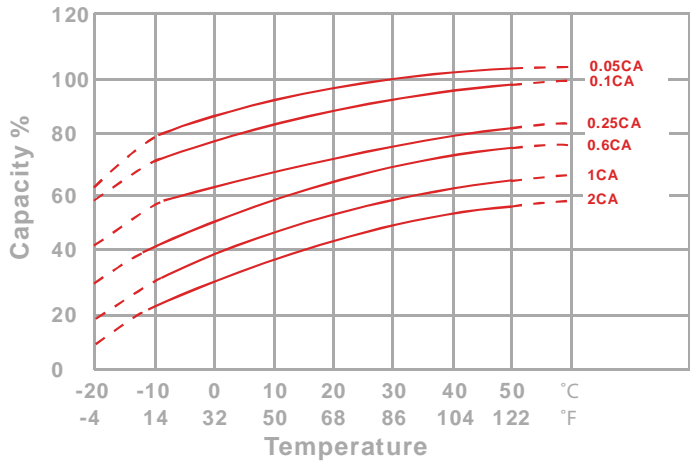
mm(inch)



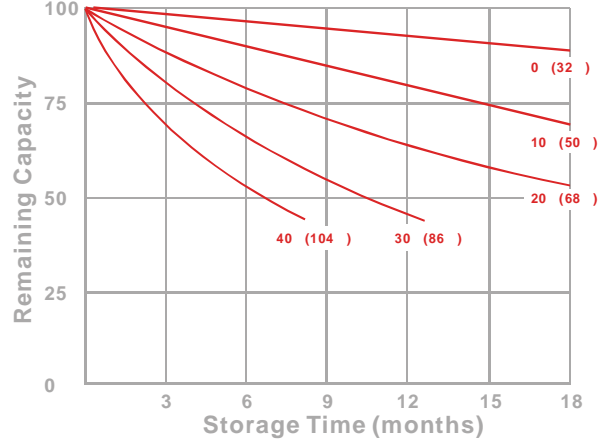
(V) FOR 6V BATTERY Discharge Time VS. Discharge Current (25°C)



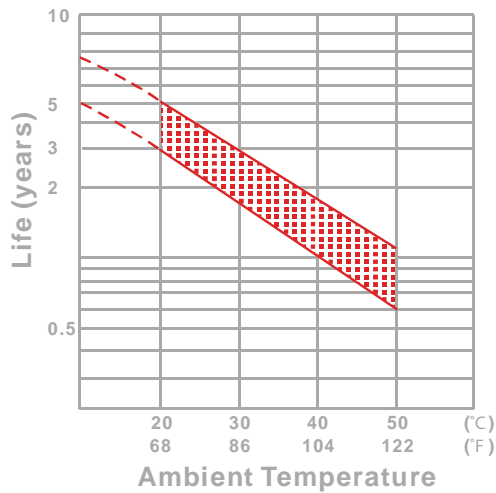
Effect of Temperature on Capacity 25°C (77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

