

6SB0.5P (6V 0.5Ah)

SPECIFICATIONS

Nominal Voltage (V) 6V

Nominal Capacity

20 hour rate (0.025A to 5.25V)	0.5Ah
10 hour rate (0.048A to 5.25V)	0.475Ah
5 hour rate (0.085A to 5.10V)	0.425Ah
1C (0.5A to 4.8V)	0.283Ah
3C (1.5A to 4.8V)	0.2Ah

Weight Approx. 100g (0.22lbs)

Internal Resistance (@1kHz) Approx. 138mΩ

Maximum Discharge Current

For 5 seconds 7.5A

Charging Methods @25°C (77°F)

Cycle Use:

Charging Voltage	7.20V to 7.50V
Coefficient -5.0mV/°C/Cell	
Maximum Charging Current	0.15A

Standby Use:

Float Charging Voltage	6.75V 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) @20°C (68°F)

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

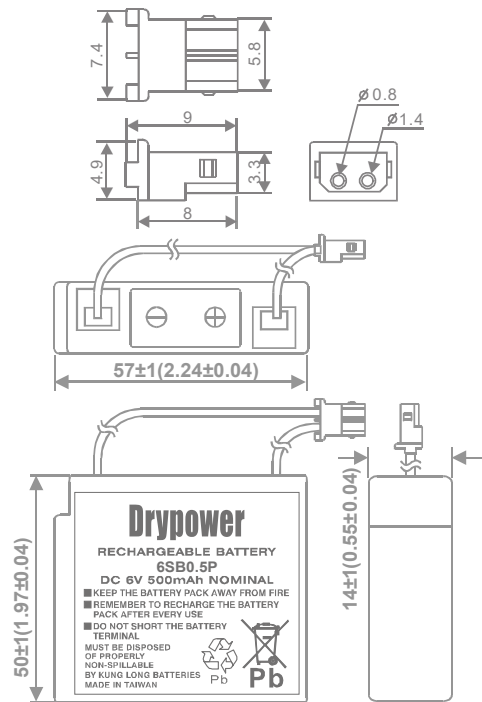
Case Material ABS

Terminal WIRE

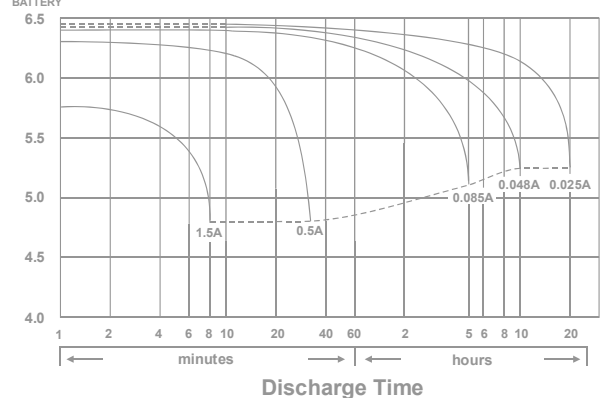


DIMENSIONS

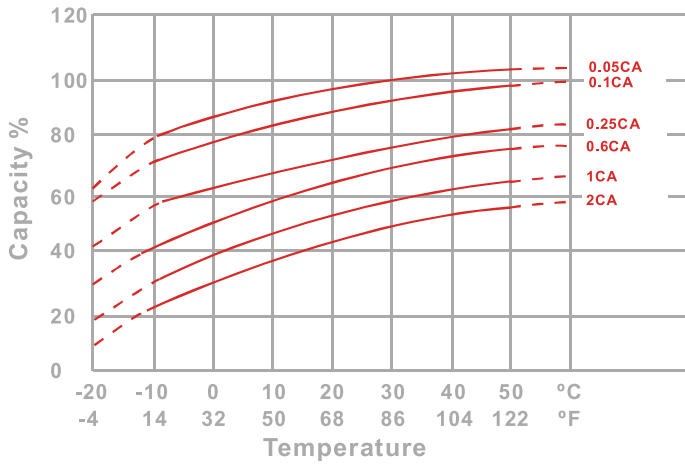
mm (inch)



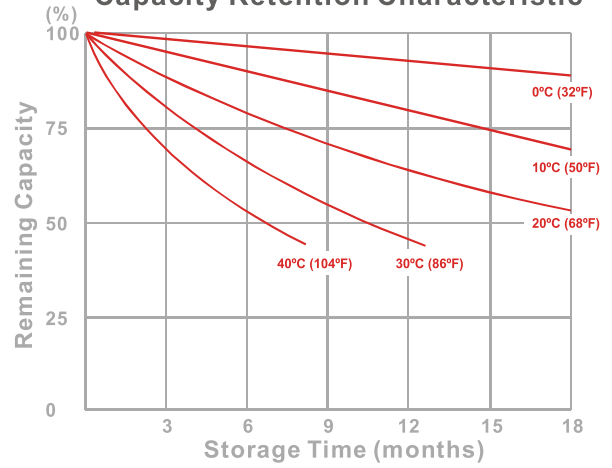
Discharge Time VS. Discharge Current (25°C)



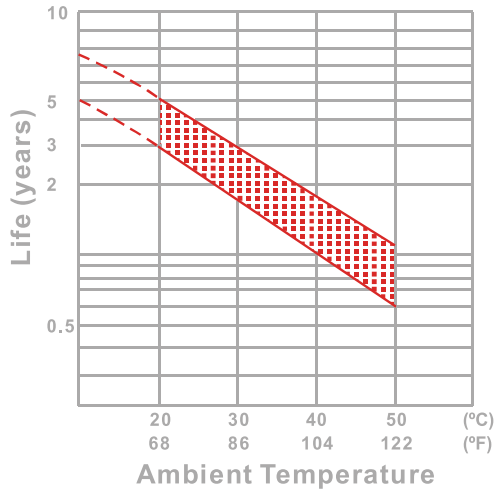
Effect of Temperature on Capacity 25°C (77°F)



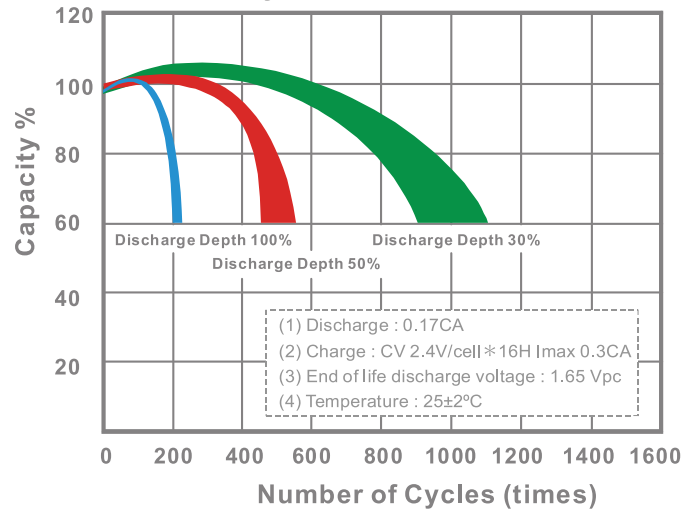
Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life



Performance may vary depending on application. All specifications are correct at time of creation. All specifications and operation conditions contained in this datasheet are subject to change or improvement without prior notice to the user. This data is for evaluation purposes only. No guarantee is intended or implied by this data. For clarification and updated information, please contact us.