

6SB2.8P 6Volt 2.8Ah

Specifications

Nominal Voltage(V)	6V
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Nominal Capacity

20 hour rate	(0.14A to 5.25V)	2.8Ah
10 hour rate	(0.266A to 5.25V)	2.66Ah
5 hour rate	(0.476A to 5.1V)	2.38Ah
1 C	(2.8A to 4.8V)	1.587Ah
3 C	(8.4A to 4.8V)	1.12Ah

Weight	Approx. 570g(1.25Lbs.)
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Internal Resistance (at 1KHz)	Approx. 22 mΩ
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Maximum Discharge Current for

5 seconds:	42A
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Charging Methods at 25 (77)

Cycle use:

Charging Voltage	7.20 to 7.50V
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Coefficient -5.0mv/ /cell	
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Maximum Charging Current :	0.84A
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Standby use:

Float Charging Voltage	6.75 to 6.90V
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Coefficient -3.0mv/ /cell	
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Operating Temperature Range

Charge	-15 (5) to 40 (104)
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Discharge	-15 (5) to 50 (122)
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Storage	-15 (5) to 40 (104)
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Charge Retention (shelf life) at 20 (68)

1 month	92%
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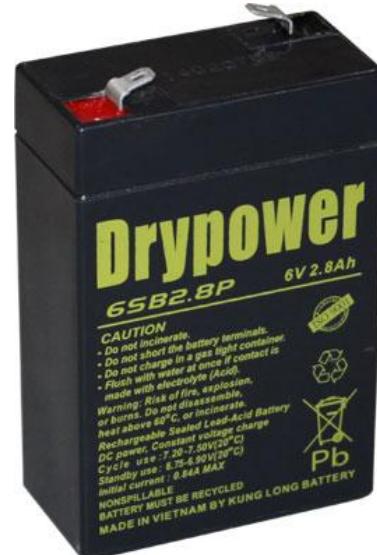
3 month	90%
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6 month	80%
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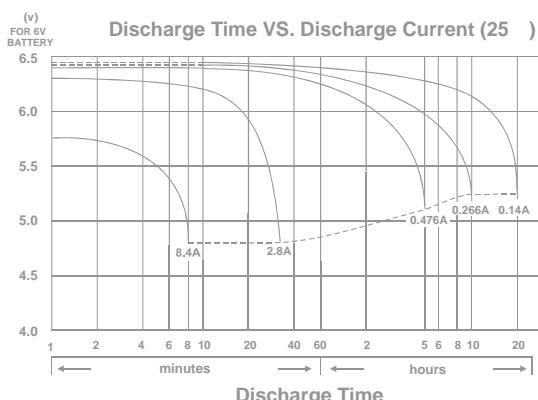
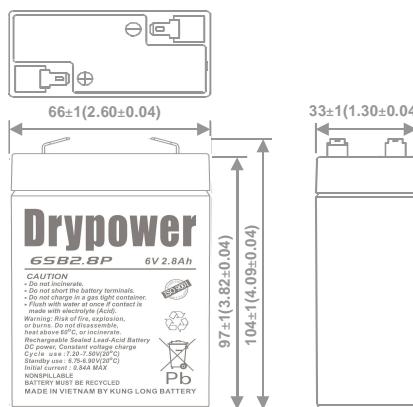
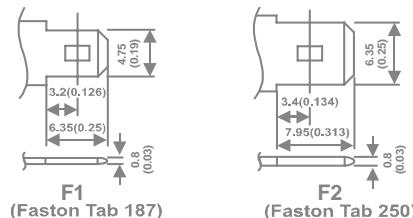
Case Material	ABS
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(Option: UL94 HB & UL94 V-0 flame retardant)

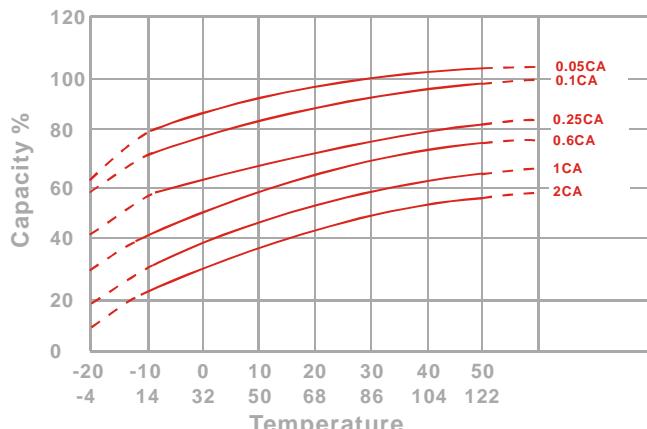
Terminal	F1 or F2 (Faston Tab 187 or 250)
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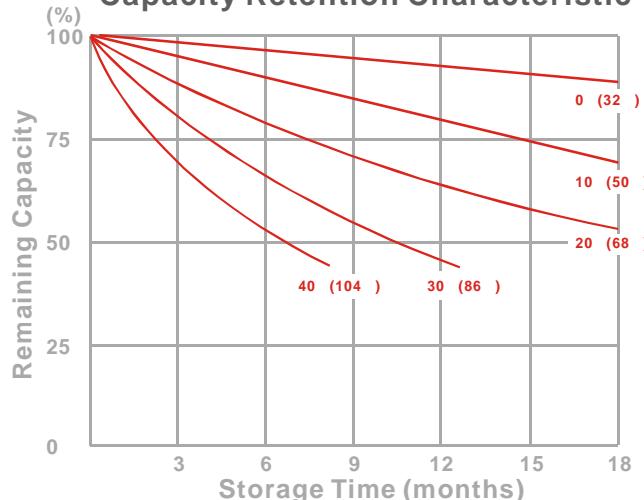
Dimensions mm(inch)



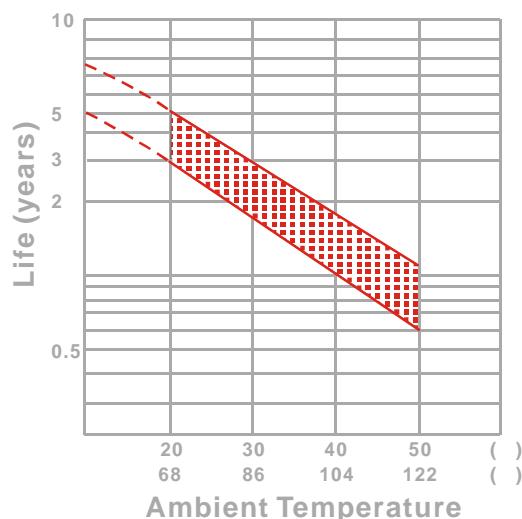
Effect of Temperature on Capacity 25 (77)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

