

12SB2.9PR (12V 2.9Ah)

SPECIFICATIONS

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate (0.145A to 10.50V)	2.9Ah
10 hour rate (0.276A to 10.50V)	2.755Ah
5 hour rate (0.493A to 10.20V)	2.465Ah
1C (2.9A to 9.60V)	1.643Ah
3C (8.7A to 9.60V)	1.16Ah

Weight Approx. 1.24kg (2.73lbs)

Internal Resistance (@1kHz) Approx. 30mΩ

Maximum Discharge Current

For 5 seconds 58A

Charging Methods @25°C (77°F)

Cycle Use:

Charging Voltage 14.4V to 15.0V

Coefficient -5.0mV/°C/Cell

Maximum Charging Current 0.87A

Standby Use:

Float Charging Voltage 13.50V to 13.80V

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%

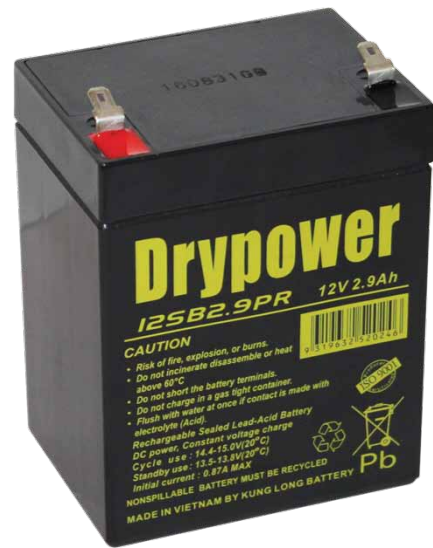
6 months 80%

Case Material

ABS

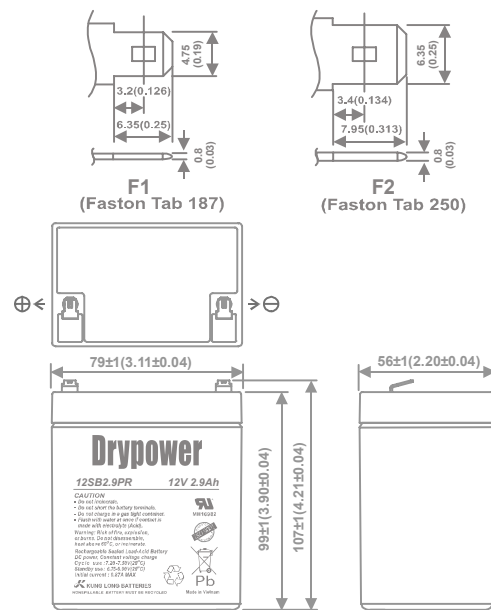
Terminal

F1 or F2 (Faston Tab 187 or 250)

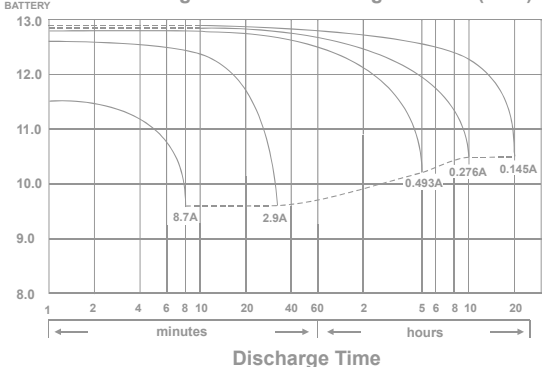


DIMENSIONS

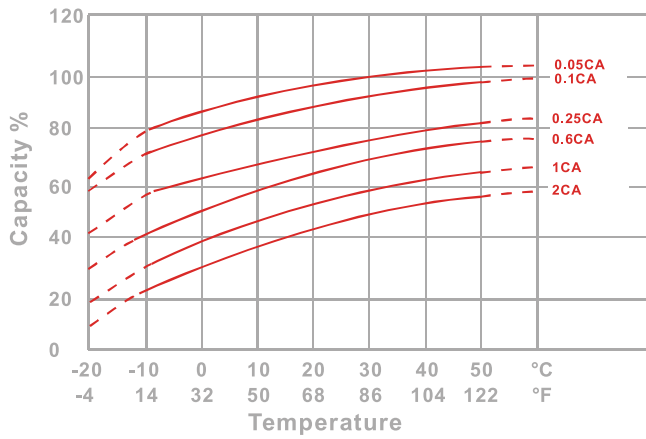
mm (inch)



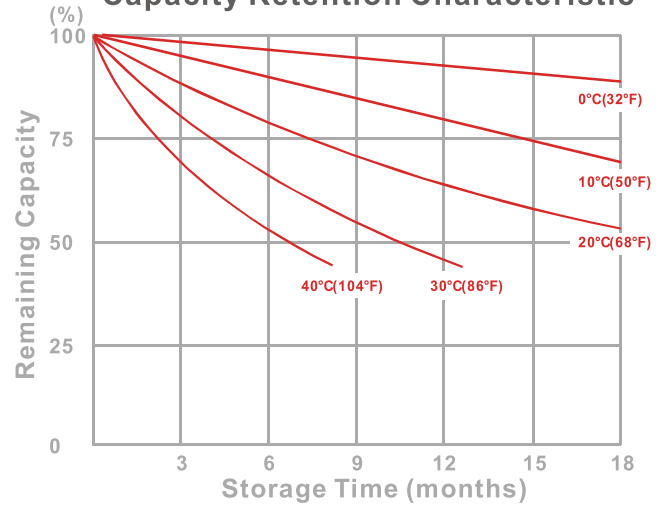
(v) FOR 12V BATTERY Discharge Time VS. Discharge Current (25°C)



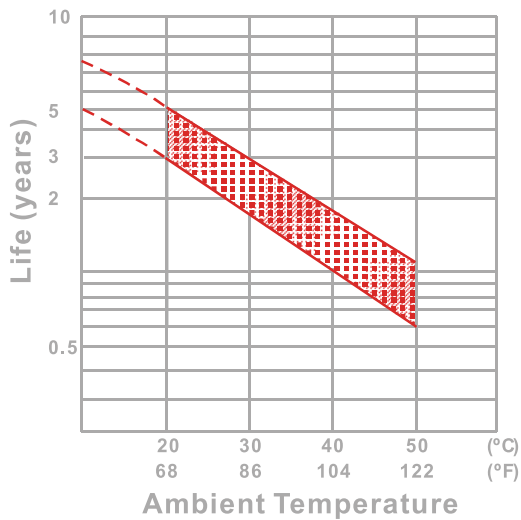
Effect of Temperature on Capacity 25°C(77°F)



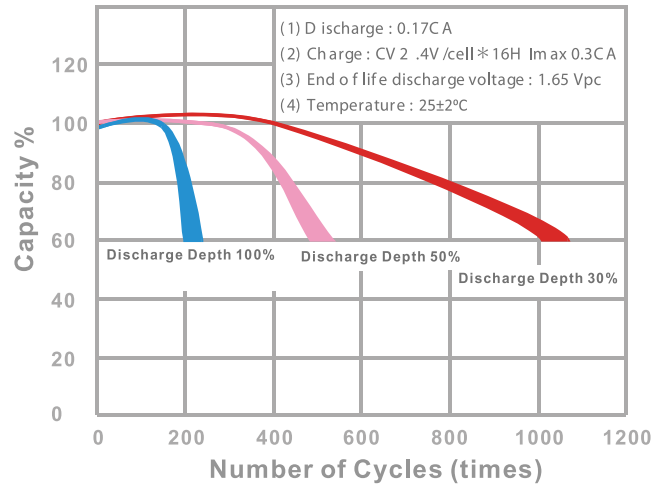
Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life



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.