

Drypower Gel

DEEP CYCLE GEL TYPE SEALED LEAD ACID BATTERY

12GB7C (12V 7Ah)

SPECIFICATIONS

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate (0.35A to 10.50V)	7Ah
5 hour rate (1.19A to 10.20V)	5.95Ah
1 hour rate (3.85A to 9.60V)	3.85Ah
1C (7A to 9.60V)	3.73Ah

Weight Approx. 2.68kg (5.9lbs)

Internal Resistance (@1kHz) Approx. 20mΩ

Maximum Discharge Current

For 5 seconds 105A

Charging Methods @25°C (77°F)

Cycle Use:

Charging Voltage 13.80V to 14.40V

Coefficient -5.0mV/°C/Cell

Maximum Charging Current 2.1A

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

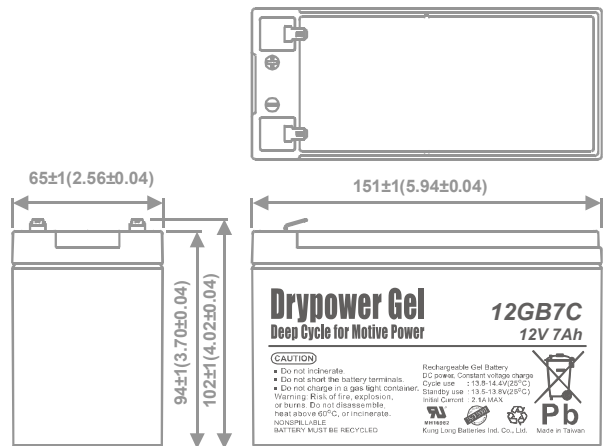
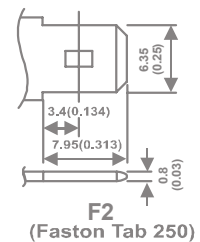
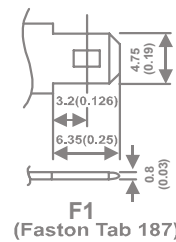
Terminal

F1 or F2 (Faston Tab 187 or 250)

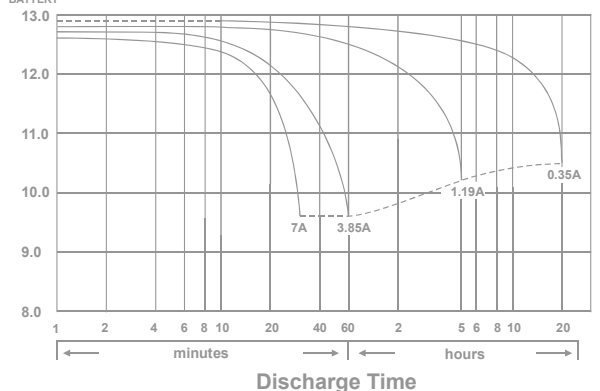


DIMENSIONS

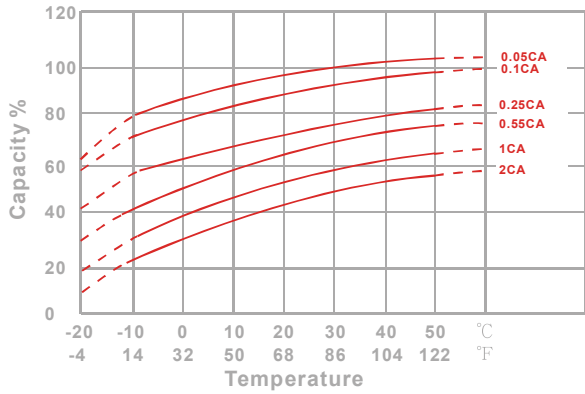
mm (inch)



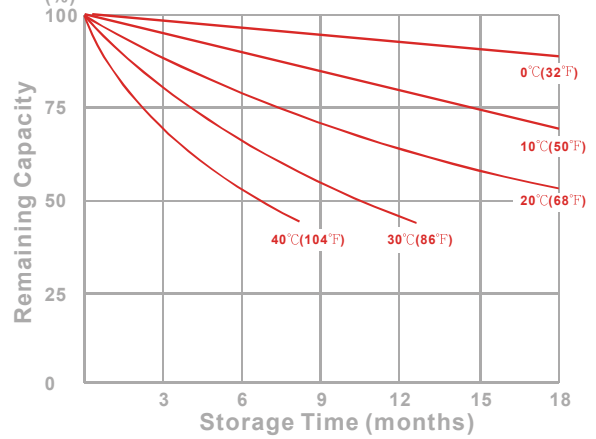
(V) FOR 12V BATTERY Discharge Time VS. Discharge Current (25°C)



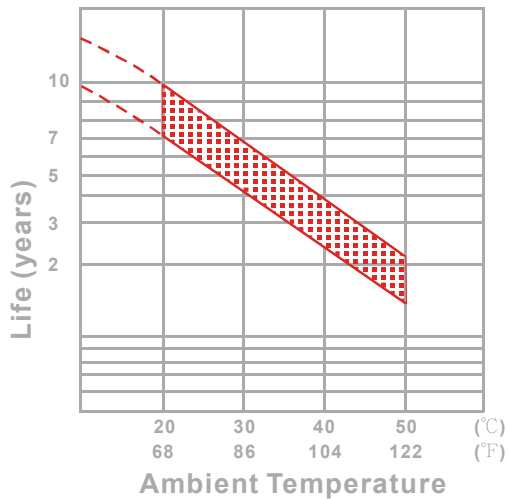
Effect of Temperature on Capacity 25°C (77°F)



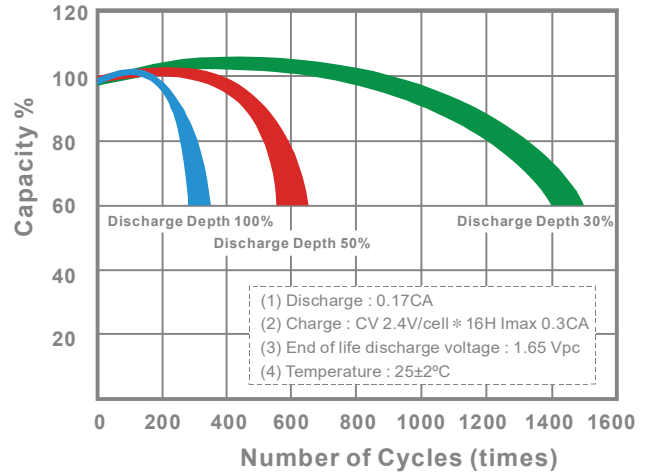
Capacity Retention Characteristic



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.