

# Drypower Gel

HYBRID GEL TYPE  
**DEEP CYCLE POWER**



12V

7Ah

SLA

GEL  
Deep Cycle

## 12GB7C

Rechargeable Hybrid Gel Lead Acid Battery

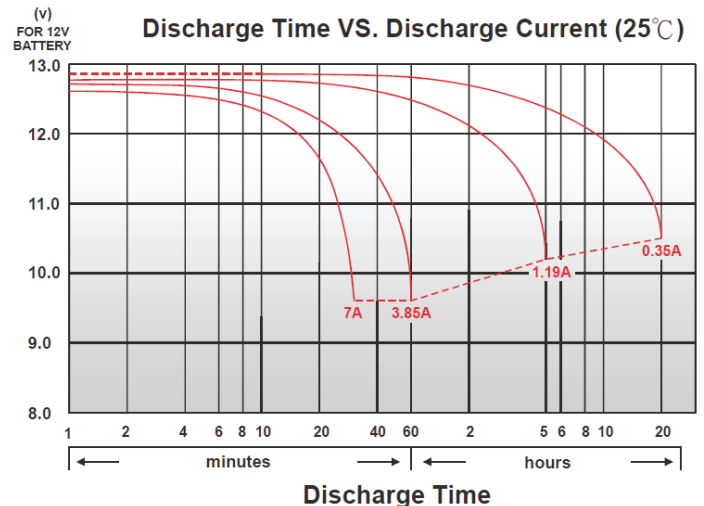
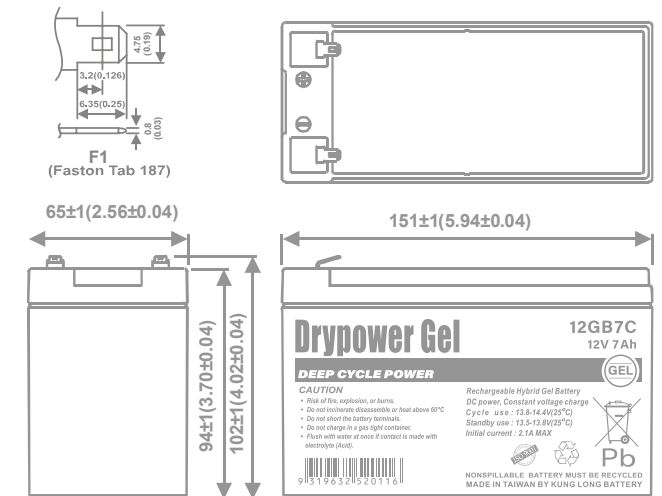
### SPECIFICATIONS

<b>Nominal Voltage</b>	12V	
<b>Nominal Capacity</b>		
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	
<b>Weight</b>	Approx. 2.45kg	
<b>Internal Resistance (at 1KHz)</b>	Approx. 20mΩ	
<b>Maximum Discharge Current (5 secs)</b>	105A	
<b>Charge Methods at 25°C</b>		
<b>Cycle Use</b>		
Charging Voltage	13.8V to 14.4V	
Coefficient	-5.0mV/°C/Cell	
<b>Standby Use</b>		
Float Charging Voltage	13.5V to 13.8V	
Coefficient	-3.0mV/°C/Cell	
<b>Maximum Charging Current</b>	2.1A	
<b>Operating Temperature Range</b>		
<b>Charge</b>	-15°C to 40°C	
<b>Discharge</b>	-15°C to 50°C	
<b>Storage</b>	-15°C to 40°C	
<b>Charge Retention (Shelf Life) at 20°C</b>		
1 month	92%	
3 months	90%	
6 months	80%	
<b>Case Material</b>	ABS UL94 HB	
<b>Termination</b>	F1 (Faston Tab 187)	
<b>Design Life</b>	7-10 years	
<b>Classified as a non-spillable battery. Approved for transportation by:</b>		
• Air (IATA/ICAO provision A67)		
• Road		
• Sea (per IMDG Special Provision 238)		
<b>Barcode</b>	 9319632520116	



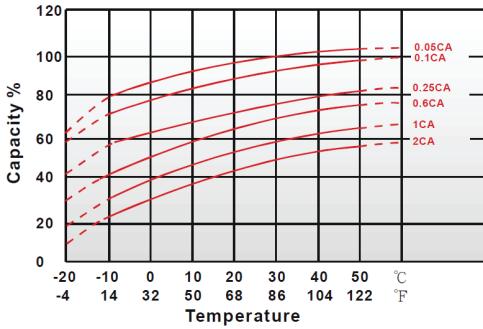
### DIMENSIONS

mm (inch)

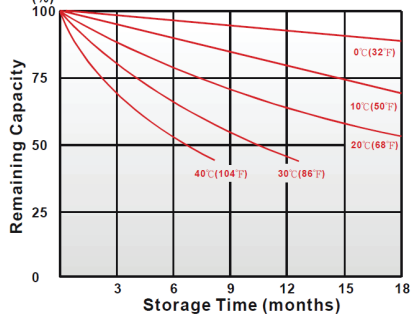


## CHARACTERISTICS CHARTS

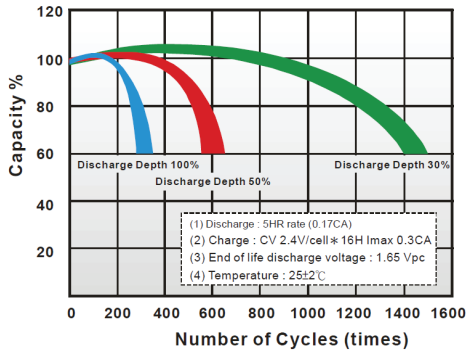
Effect of Temperature on Capacity 25°C (77°F)



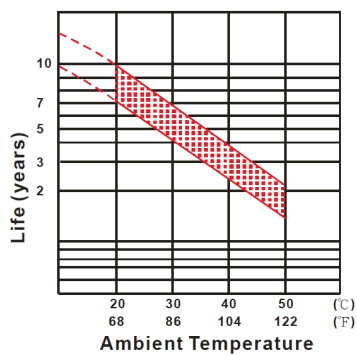
Capacity Retention Characteristic



Cycle Service Life



Trickle (or float) Service Life



## FEATURES & BENEFITS

- ◆ Industry leading 99.99% pure lead content for superior service life and dependable performance.
- ◆ Gel compound contains more electrolyte that is more evenly distributed across the battery, producing stable output throughout its service life, minimising sulphation and significantly improving standby life.
- ◆ Low internal resistance for optimum charge and discharge efficiency.
- ◆ Maintenance free technology and non-spillable design.
- ◆ Better suited for more extreme operating temperatures.
- ◆ Manufactured by Kung Long Battery (KLB) at facilities in Taiwan and Vietnam. KLB is a leading manufacturer and complies with relevant international quality standards including ISO9001, CE ETL9000, UL1989, OHSAS18001 and ISO17025. KLB supports Green Sustainable supply chain practices.

