



6V

2.8Ah

SLA

AGM

6SB2.8P

Rechargeable AGM Sealed Lead Acid Battery

SPECIFICATIONS

Nominal Voltage	6V	
Nominal Capacity		
20 hour rate (0.140A 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	
1C (2.8A to 4.8V)	1.587Ah	
3C (8.4A to 4.8V)	1.12Ah	
Weight	Approx. 570g	
Internal Resistance (at 1KHz)	Approx. 22mΩ	
Maximum Discharge Current (5 secs)	42A	
Charge Methods at 25°C		
Cycle Use		
Charging Voltage	7.20V to 7.50V	
Coefficient -5.0mV/°C/Cell		
Maximum Charging Current	0.84A	
Standby Use		
Float Charging Voltage	6.75V to 6.90V	
Coefficient -3.0mV/°C/Cell		
Operating Temperature Range		
Charge	-15°C to 40°C	
Discharge	-15°C to 50°C	
Storage	-15°C to 40°C	
Charge Retention (Shelf Life) at 20°C		
1 month	92%	
3 months	90%	
6 months	80%	

Case Material	ABS UL94 HB
Termination	F1 (Faston Tab 187)
Design Life	3-5 Years

Classified as a non-spillable battery. Approved for transportation by:

- Air (IATA/ICAO provision A67)
- Road
- Sea (per IMDG Special Provision 238)



Barcode

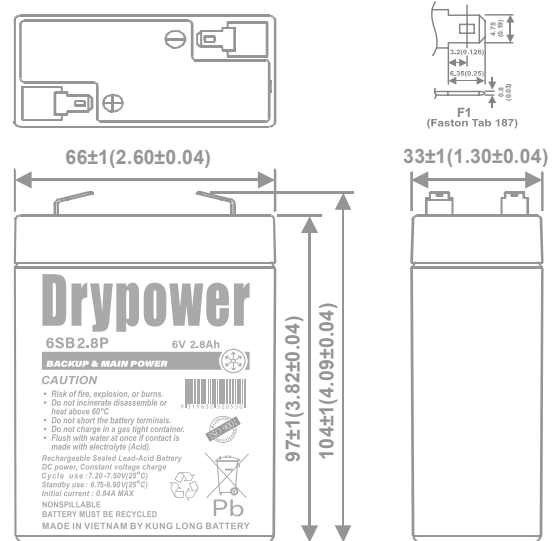


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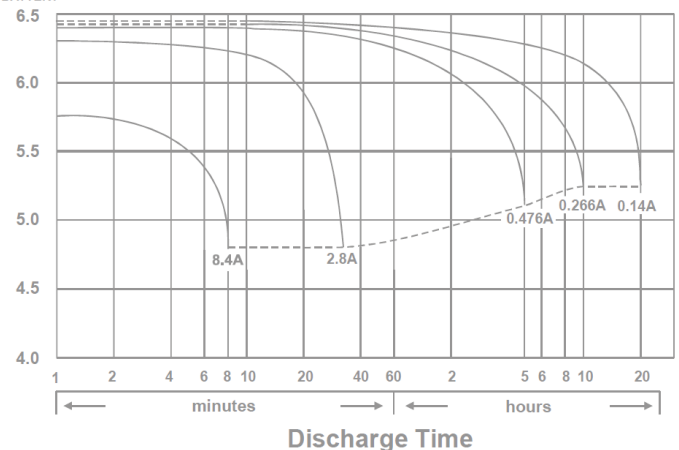
DIMENSIONS

mm (inch)



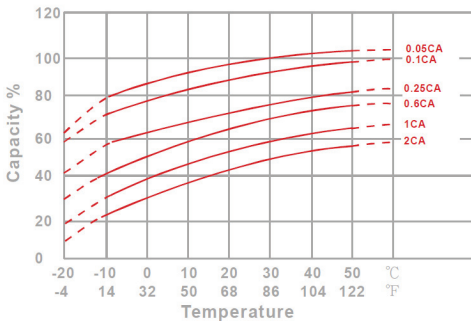
(V)
FOR 6V
BATTERY

Discharge Time VS. Discharge Current (25°C)

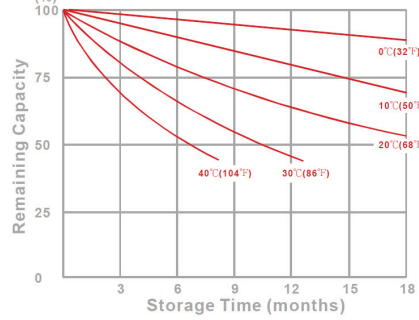


CHARACTERISTICS CHARTS

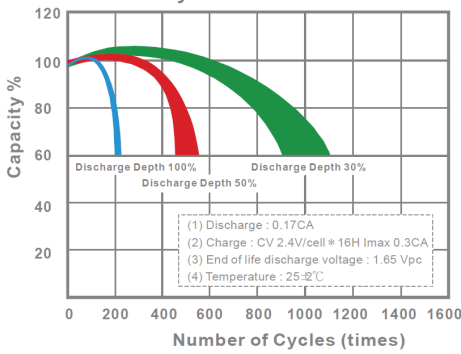
Effect of Temperature on Capacity 25°C(77°F)



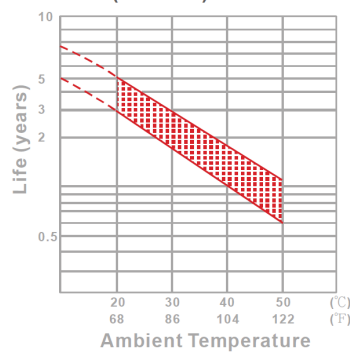
Capacity Retention Characteristic



Cycle Service Life



Trickle (or float) Service Life



FEATURES & BENEFITS

- ◆ Industry leading 99.99% pure lead content for superior service life and dependable performance.
- ◆ Maintenance free technology and non-spillable design.
- ◆ Excellent charge retention in storage.
- ◆ Higher percentage of tin content compared with the industry standard. Tin extends battery standby life by minimising sulphation (corrosion) especially at higher 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.

