



12V

36Ah

SLA

AGM

12SB36TL

Rechargeable AGM Sealed Lead Acid Battery

SPECIFICATIONS

Nominal Voltage	12V	
Nominal Capacity		
20 hour rate (1.80A to 10.50V)	36Ah	
10 hour rate (3.42A to 10.50V)	34.2Ah	
5 hour rate (6.12A to 10.20V)	30.6Ah	
1C (36A to 9.60V)	22.8Ah	
3C (108A to 9.60V)	14.4Ah	
Weight	Approx. 11.0kg	
Internal Resistance (at 1KHz)	Approx. 8mΩ	
Maximum Discharge Current (5 secs)	540A	
Charge Methods at 25°C		
Standby Use		
Float Charging Voltage	13.5V to 13.8V	
Coefficient -3.0mV/°C/Cell		
Maximum Charging Current	10.8A	
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	F6 (M5 Bolt)	

Description of Torque Value of Hardware for the Terminals

Recommended Torque Value	M5: 5 N-m (51kgf-cm)
Max. Allowable Torque Value	M5: 5 N-m (61kgf-cm)

Design Life Expected Trickle Design Life	6-9 years at 20°C
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Classified as a non-spillable battery.

- Approved for transportation by:
- Air (IATA/ICAO provision A67)
 - Road
 - Sea (per IMDG Special Provision 238)



Barcode

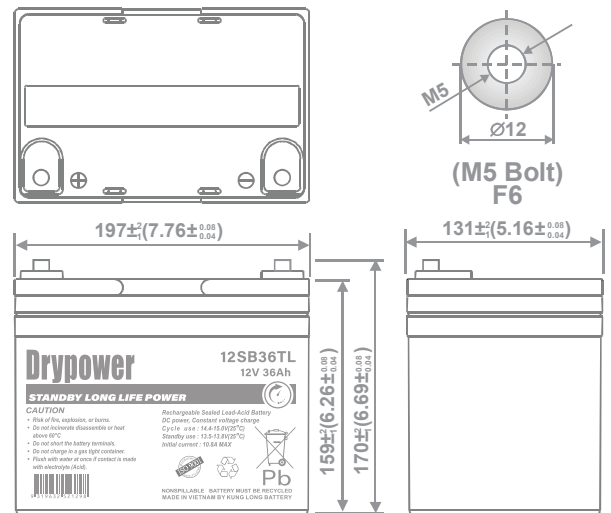


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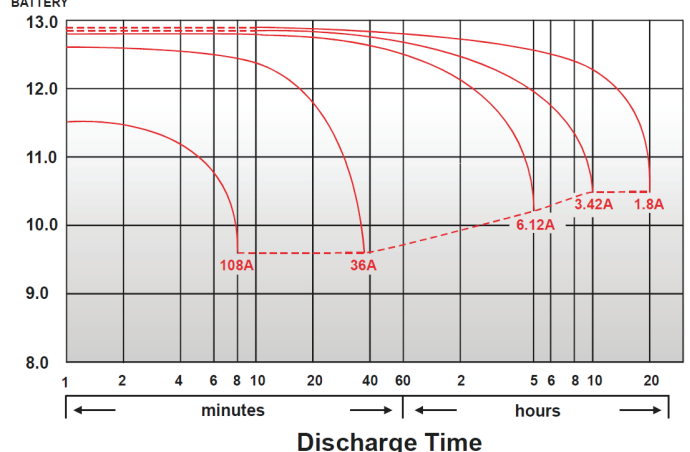


DIMENSIONS

mm (inch)

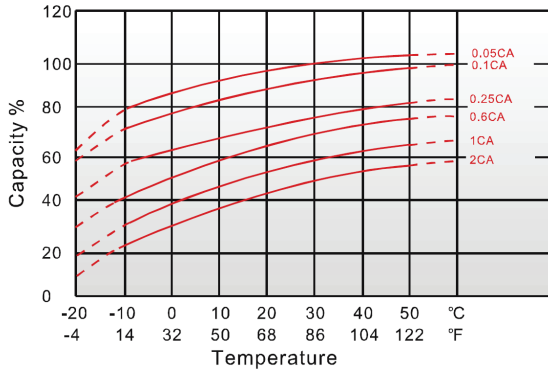


(V) FOR 12V BATTERY Discharge Time VS. Discharge Current (25°C)

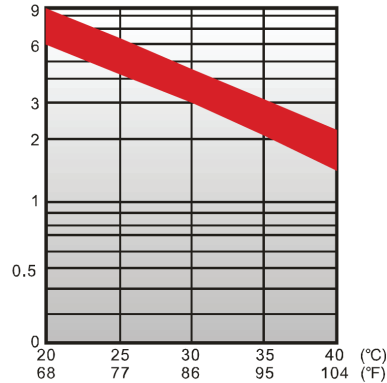


CHARACTERISTICS CHARTS

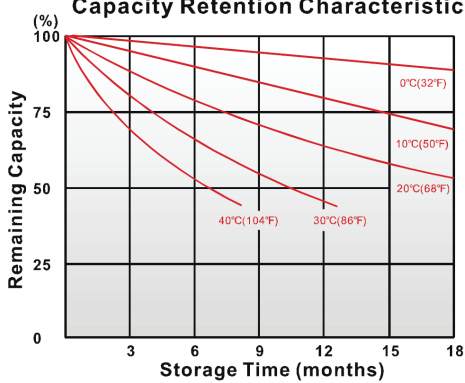
Effect of Temperature on Capacity 25°C(77°F)



Trickle (or float) Service Life



Capacity Retention Characteristic



FEATURES & BENEFITS

- ◆ Industry leading 99.99% pure lead content for superior service life and dependable performance.
- ◆ Long service life to reduce maintenance and logistical costs across telecom, utilities and off-grid applications.
- ◆ Minimises sulphation with a thicker plate design and higher percentage of tin content to maximise battery standby life.
- ◆ High rate discharge capable to ensure reliable performance.
- ◆ Maintenance free technology and non-spillable design.
- ◆ 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.

