

# Drypower

VRLA AGM CYCLIC RANGE  
**DEEP CYCLE POWER**



12V

24Ah

SLA

CYCLIC  
AGM

## 12SB24C

Rechargeable AGM Sealed Lead Acid Battery

### SPECIFICATIONS

Nominal Voltage	12V	
Nominal Capacity		
20 hour rate (1.20A to 10.50V)	24Ah	
10 hour rate (2.28A to 10.50V)	22.8Ah	
5 hour rate (4.08A to 10.20V)	20.4Ah	
1C (24A to 9.60V)	13.6Ah	
3C (72A to 9.60V)	9.6Ah	
Weight	Approx. 7.14kg	
Internal Resistance (at 1KHz)	Approx. 8mΩ	
Maximum Discharge Current (5 secs)	360A	
Charge Methods at 25°C		
<b>Cycle Use</b>		
Charging Voltage	14.4V to 15.0V	
Coefficient -5.0mV/°C/Cell		
Maximum Charging Current	7.2A	
<b>Standby Use</b>		
Float Charging Voltage	13.5V to 13.8V	
Coefficient -3.0mV/°C/Cell		
Operating Temperature Range		
<b>Charge</b>	-15°C to 40°C	
<b>Discharge</b>	-15°C to 50°C	
<b>Storage</b>	-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 Bolts)

#### Description of Torque Value of Hardware for the Terminals

Recommended Torque Value	M5: 5 N-m (51kgf-cm)
Max. Allowable Torque Value	M5: 6 N-m (61kgf-cm)

Design Life	3-5 years
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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

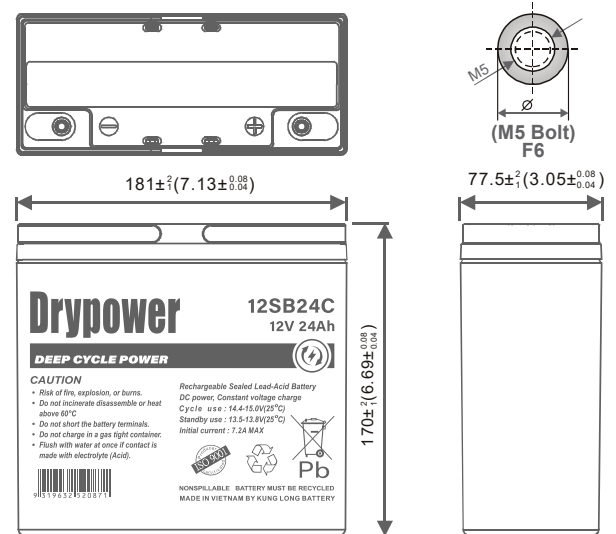


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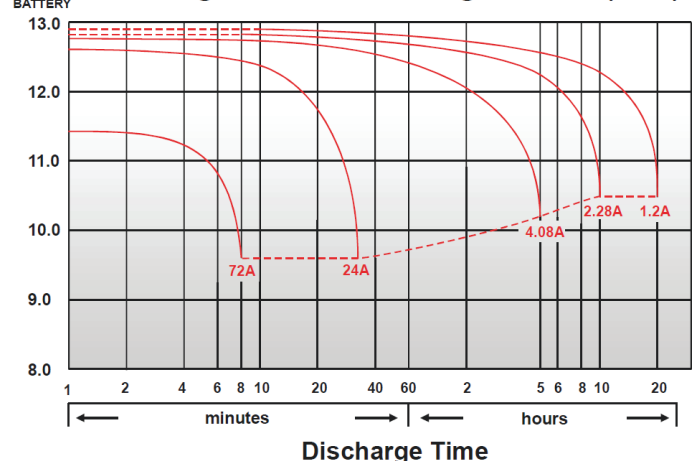


### DIMENSIONS

mm (inch)

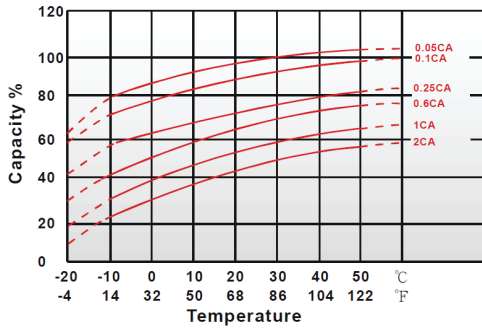


### Discharge Time VS. Discharge Current (25°C)

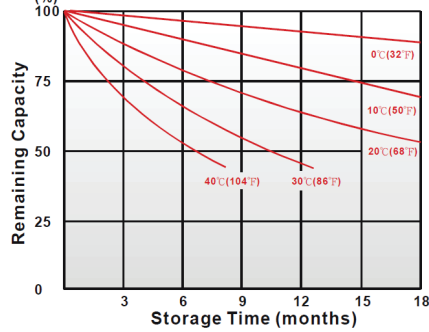


### CHARACTERISTICS CHARTS

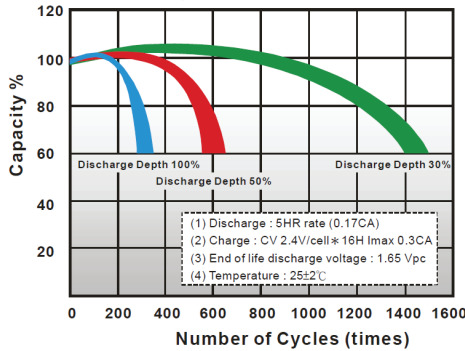
Effect of Temperature on Capacity 25°C(77°F)



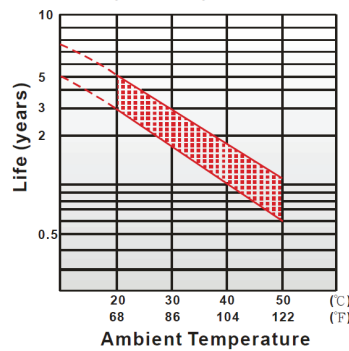
Capacity Retention Characteristic



Cycle Service Life



Trickle (or float) Service Life



### FEATURES & BENEFITS

- ◆ Industry leading 99.99% pure lead content for superior service life and dependable performance.
- ◆ Special grid frame alloy design with outstanding anti-corrosion performance.
- ◆ Maintenance free technology and non-spillable design.
- ◆ Suitable for use in any orientation (except inverted) for use in hard to reach locations.
- ◆ 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.

