

# Drypower

VRLA AGM CYCLIC RANGE  
**DEEP CYCLE POWER**



12V

24Ah

SLA

CYCLIC  
AGM

## 12SB24C

Rechargeable AGM Sealed Lead Acid Battery

### SPECIFICATIONS

<b>Nominal Voltage</b>	12V	
<b>Nominal Capacity</b>		
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	
<b>Weight</b>	Approx. 7.14kg	
<b>Internal Resistance (at 1KHz)</b>	Approx. 8mΩ	
<b>Maximum Discharge Current (5 secs)</b>	360A	
<b>Charge Methods at 25°C</b>		
<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		
<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>	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)

<b>Design Life</b>	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)

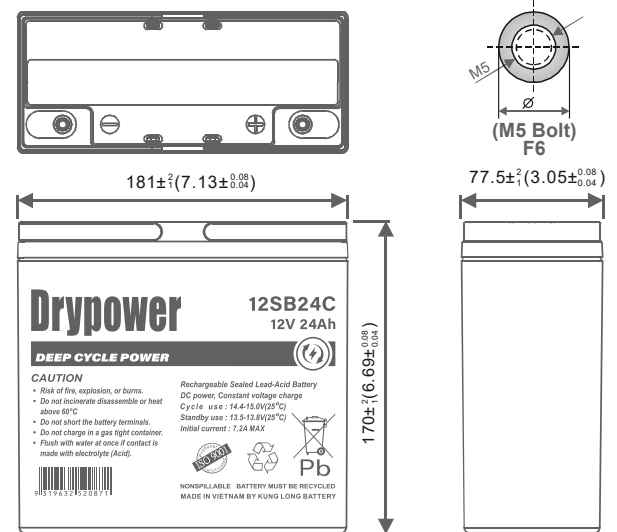


<b>Barcode</b>	 9319632520871
----------------	--

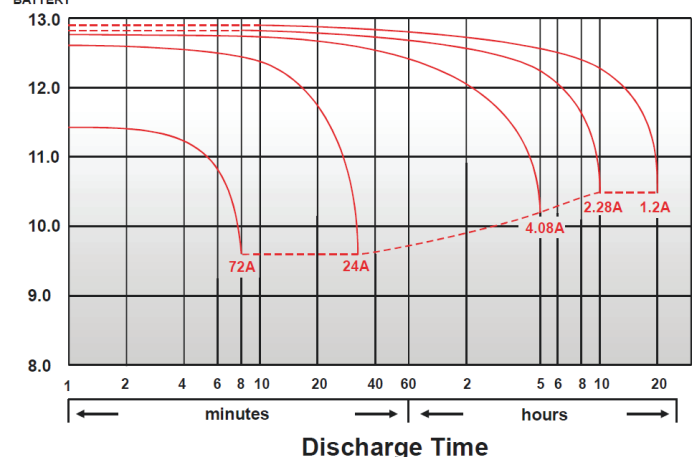


### DIMENSIONS

mm (inch)

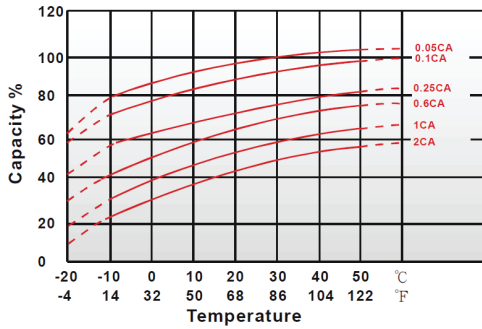


### (v) Discharge Time VS. Discharge Current (25°C)

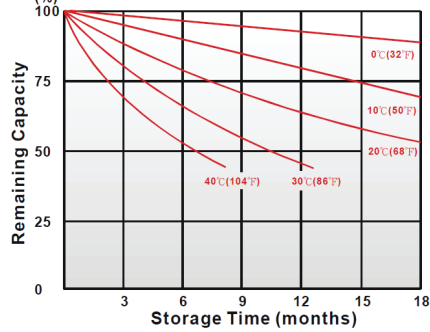


### CHARACTERISTICS CHARTS

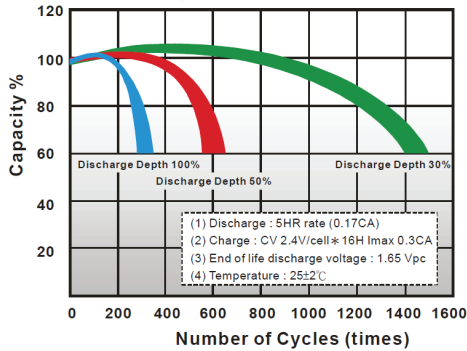
Effect of Temperature on Capacity 25°C(77°F)



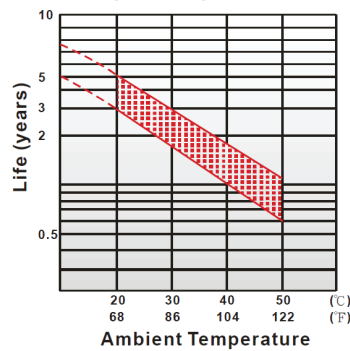
Capacity Retention Characteristic



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.

