

12V

200Ah

Lead Carbon AGM

### 12SLR200DC

**Rechargeable Lead Carbon AGM Battery** 

SP	FCI	FI	CATI	ONS
JI.			UNI	CIVO

Nominal Voltage		12V
Nominal Capacit	у	
10 hour rate	(20A to 10.80V)	200Ah
5 hour rate	(34A to 10.20V)	170Ah
1 hour rate	(120A to 9.60V)	120Ah
1C	(200A to 9.60V)	126.7Ah
Weight		Approx 68kg

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, pp.6% 5.1.22	Internal Resistance (at 1KHz)	Approx. 3mΩ
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### Maximum Discharge Current (5 secs) 1200A

### Charge Methods at 25°C

Cyclic Use	
Charging Voltage	14.4V to 15.0V
Coefficient -5.0mV/°C/Cell	
Maximum Charging Current	60A

## Standby Use Float Charging Voltage 13.5V to 13.8V 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			98%
3 months			94%
6 months			85%

Case Material ABS UL94 HB

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

Recommended Torque Value
Max. Allowable Torque Value

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

- Air (IATA/ICAO provision A67)
- Road

**Barcode** 

• Sea (per IMDG Special Provision 238)

# 9319632520963

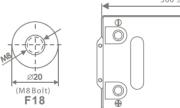
M8: 12 N-m (122kgf-cm) M8: 20 N-m (204kgf-cm)

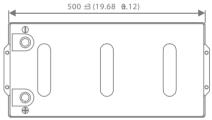


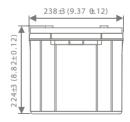


### **DIMENSIONS**

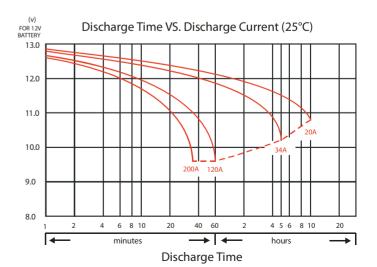
### mm (inch)







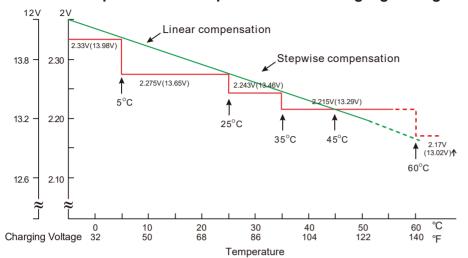






### **CHARACTERISTICS CHARTS**

### Relationship Between Temperature and Charging Voltage



### **FEATURES & BENEFITS**

- Industry leading 99.99% pure lead content for superior service life and dependable performance.
- Lead Carbon negative plate for better partial SOC performance and reduced sulphation meaning longer service life.
- Enhanced charge acceptance for quicker energy recovery best suited to renewable energy systems.
- Maintenance free technology and non-spillable design.
- Extremely low self discharge characteristics.
- 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.

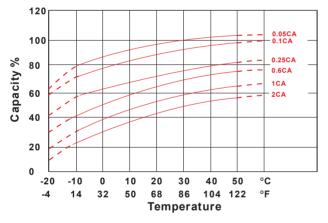


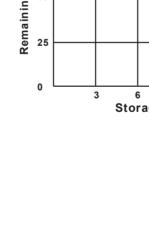


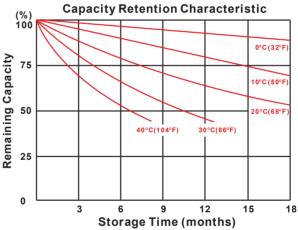




### Effect of Temperature on Capacity 25°C(77°F)







Cycle Service Life 120 100 Capacity 80 60 Discharge Depth 100% Discharge Depth 50% Discharge Depth 30 Discharge Depth 80% 40 (1) Discharge : 5HR rate (0.17CA) (2) Charge: CV 2.4V/cell \* 16H Imax 0.3CA 20 (3) End of life discharge voltage: 1.65 Vpc (4) Temperature : 25±2°C 0 200 800 1000 1200 1400 1600 1800 Number of Cycles (times)

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Performance may vary depending on application. All specifications are correct at time of creation. All specifications and operation conditions contained in this datasheet are subject to change or improvement without prior notice to the user. This data is for evaluation purposes only. No guarantee is intended or implied by this data. For clarification and updated information, please contact us.