Drypower

LEAD CARBON TYPE
SOLAR POWER

12V **200Ah** **Lead Carbon** **AGM**

12SLR200DC

Rechargeable Lead Carbon AGM Battery

SPECIFICATIONS

Nominal Voltage		12V
Nominal Capacity		
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
Internal Resistance (at 1KHz)		Approx. 3mΩ
Maximum Discharge Current (5 secs)		1200A
Charge Methods at 25°C		
Cyclic Use		
Charging Voltage Coefficient -5.0mV/°C/Cell		14.4V to 15.0V
Maximum Charging Current		60A
Standby Use		
Float Charging Voltage Coefficient -3.0mV/°C/Cell		13.5V to 13.8V
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
Termination		F18 (M8 Bolt)

Description of Torque Value of Hardware for the Terminals

Recommended Torque Value	M8: 12 N-m (122kgf-cm)
Max. Allowable Torque Value	M8: 20 N-m (204kgf-cm)

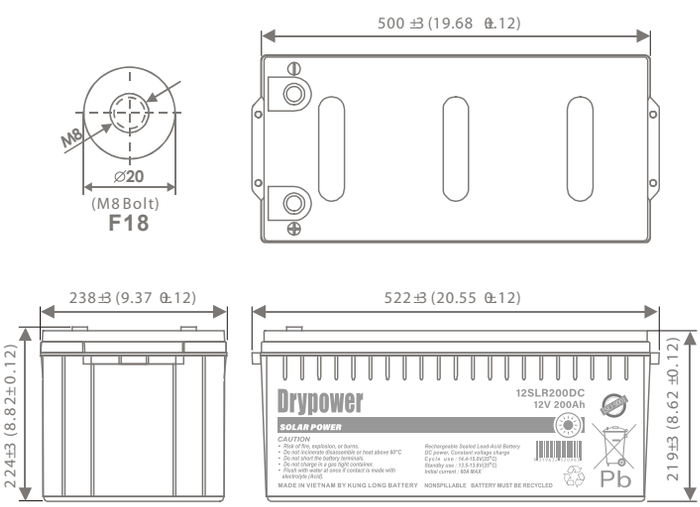
Classified as a non-spillable battery.
Approved for transportation by:
- Air (IATA/ICAO provision A67)
- Road
- Sea (per IMDG Special Provision 238)

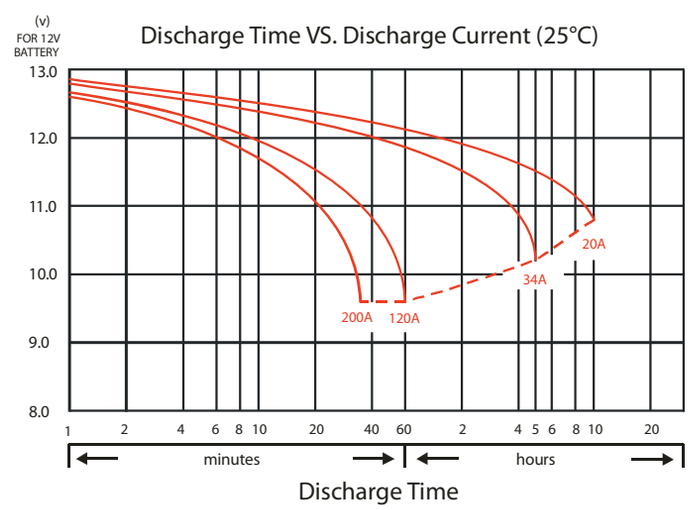
IATA

Barcode

9319632520963

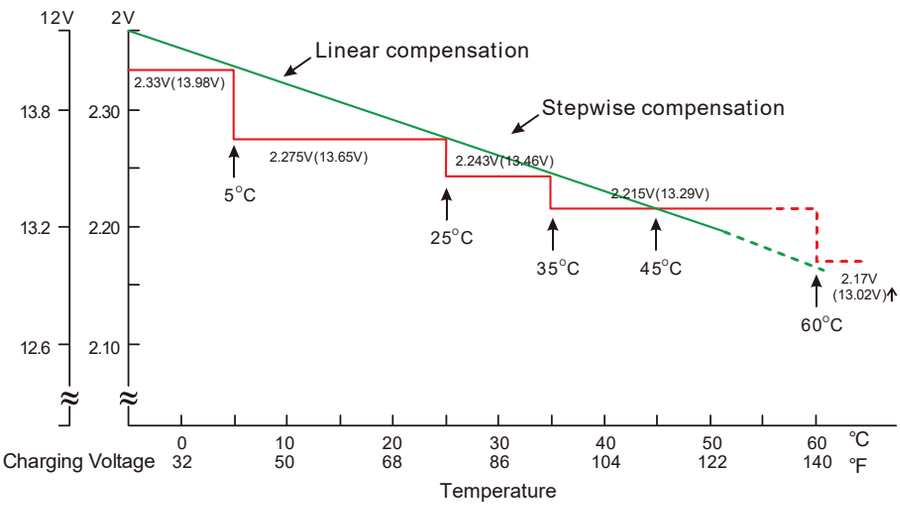
DIMENSIONS mm (inch)





CHARACTERISTICS CHARTS

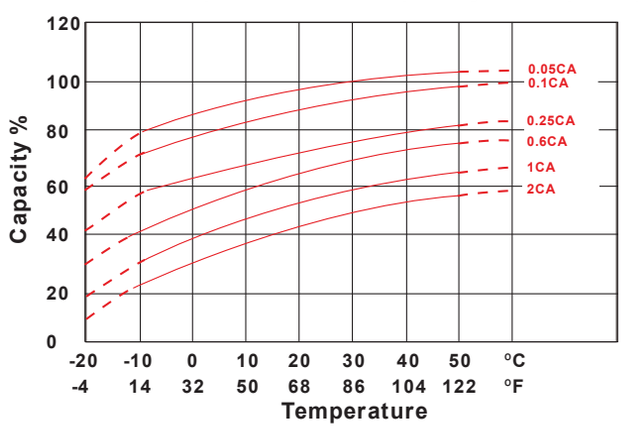
Relationship Between Temperature and Charging Voltage



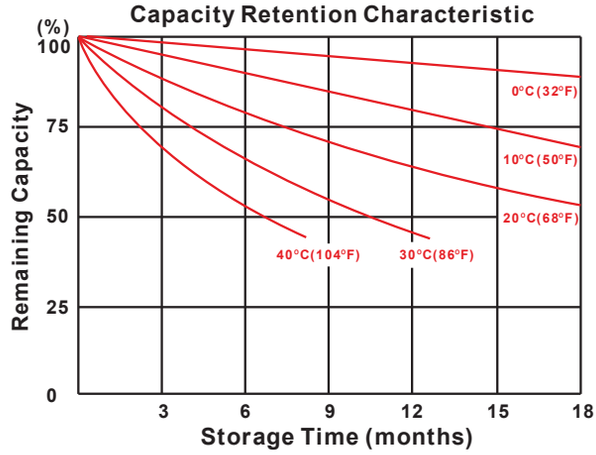
FEATURES & BENEFITS

- 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.

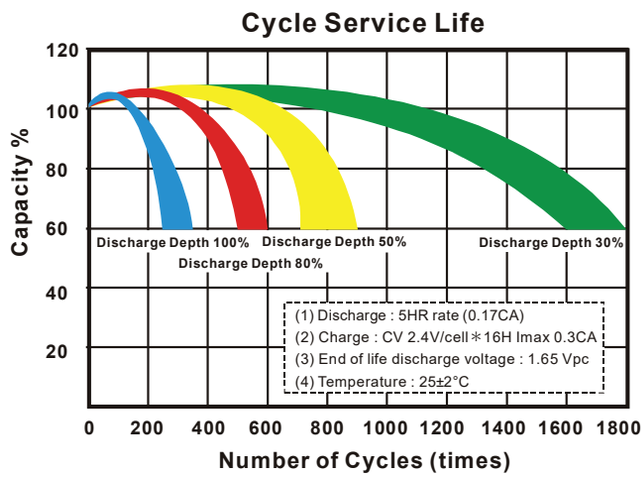
Effect of Temperature on Capacity 25°C(77°F)



Capacity Retention Characteristic



Cycle Service Life



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