

Drypower Gel

PURE GEL TYPE
PURE GEL HIGH POWER



2V

630Ah

SLA

GEL
Deep Cycle

2PLG630TS

Rechargeable Pure Gel Lead Acid Battery

SPECIFICATIONS

Nominal Voltage 2V

Nominal Capacity

20 hour rate	(31.5A to 1.75V)	630Ah
10 hour rate	(60A to 1.80V)	600Ah
5 hour rate	(102A to 1.70V)	510Ah
1 hour rate	(360A to 1.60V)	360Ah
1C rate	(600A to 1.60V)	300Ah

Weight Approx. 36kg

Internal Resistance (at 1KHz) Approx. 0.5mΩ

Maximum Discharge Current (5 secs) 3600A

Charge Methods at 25°C

Cycle Use

Charging Voltage 2.33V to 2.36V

Coefficient -5.0mV/°C/Cell

Maximum Charging Current 189A

Standby Use

Float Charging Voltage 2.21V to 2.25V

Coefficient -3.0mV/°C/Cell

Operating Temperature Range

Charge -15°C to 50°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: 15 N-m (153kgf-cm)

Design Life

12 years

Classified as a non-spillable battery.

Approved for transportation by:

- Air (IATA/ICAO provision A67)
- Road
- Sea (per IMDG Special Provision 238)



Barcode



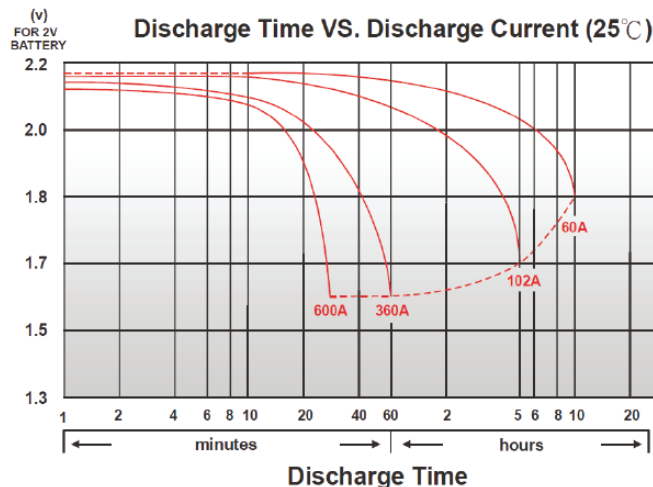
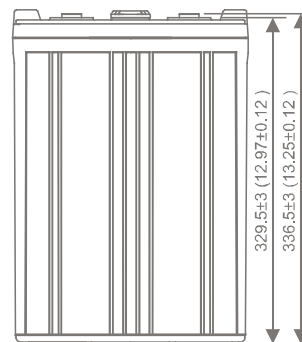
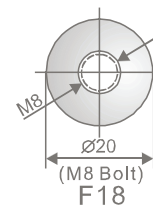
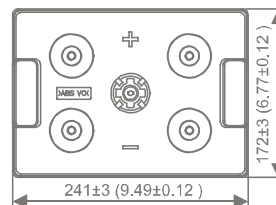
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* If charging above 40°C, always use temperature-compensated charging (refer charge methods above). High temperature use accelerates ageing; as a general guide, service life halves for every 10°C sustained rise above 25°C. Consult the engineers at MI for more information if required.



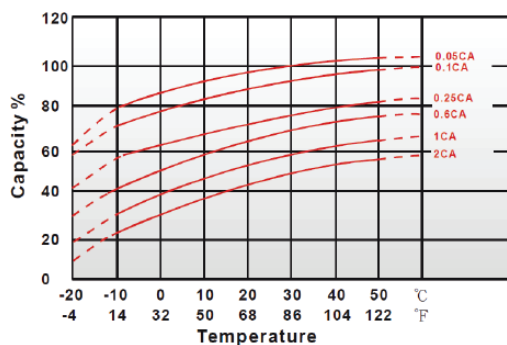
DIMENSIONS

mm (inch)

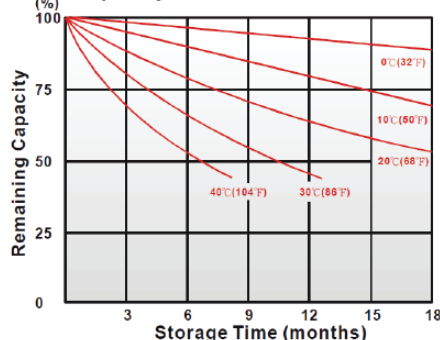


CHARACTERISTICS CHARTS

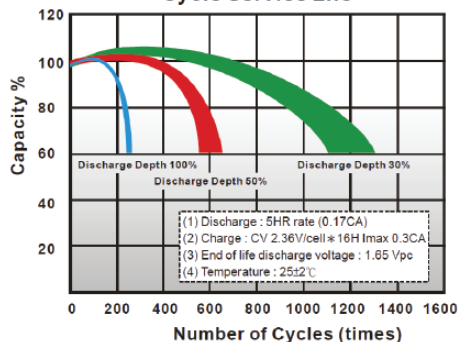
Effect of Temperature on Capacity 25°C (77°F)



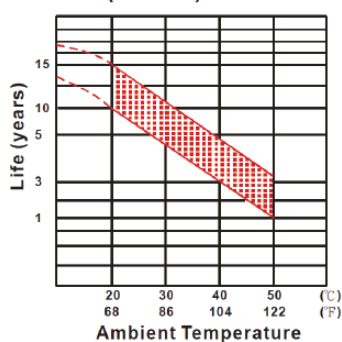
Capacity Retention Characteristic



Cycle Service Life



Trickle (or float) Service Life



FEATURES & BENEFITS

- ♦ Industry leading 99.99% pure lead content for superior service life and dependable performance.
- ♦ Gel compound contains more electrolyte that is more evenly distributed across the battery, producing stable output throughout its service life, minimising sulphation and significantly improving standby life.
- ♦ Low internal resistance for optimum charge and discharge efficiency.
- ♦ Maintenance free technology and non-spillable design.
- ♦ Better suited for more extreme operating 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.

