

Product Description

Features:

- ▲ Maintenance-free operation
- ▲ Stable quality and high reliability
- ▲ Compact design
- ▲ 10 years design time (at 25°C)

Applications:

- ♣ UPS
- ♣ Fire alarm and security systems
- ♣ Emergency lighting
- ♣ DC power supply Auto control system
- ♣ Solar panel system
- ♣ Backup power for testing and measuring instruments
- ♣ Alarm and security system
- ♣ Electronic apparatus and equipment Communication power supply
- ♣ Telecommunication system
- ♣ etc

Specifications:

Type	Specification
Nominal Voltage	12v(6cells)
Nominal Capacity	6ah (20hrs, 25°C/77°F)
	5.5ah (10hrs, 25°C/77°F)
	3.90ah (1hrs, 25°C/77°F)
Dimension	Length□151±2mm
	Width□65±2mm
	Container Height□95±2mm
	Total Height(with Terminal):102±3mm
Approx Weight	1.7kg
Terminal	F1 or F2
Container material	ABS
Max.Discharge Current	55A(5s)
Internal Resistance	Approx 46mΩ
Operation Temp.Range	Discharge:-15-50°C(5-122°F)
	Charge: 0-40°C(32-104°F)
	Storage: -15-40°C(5-104°F)
Nominal Operating Temp.Range	25±3°C(77±5°F)
Cycle Use	14.4V-15.0V(25°C/77°F) Coefficient:30mv/°C (Initial charging current less than 1.95A)
Standby Use	13.5V-13.8V(25°C/77°F) Coefficient:20mv/°C (No limit on Initial Charging Current)
Capacity affected by Temp.	103% 40°C(104°F)
	100% 25°C(77°F)
	86% 0°C(32°F)

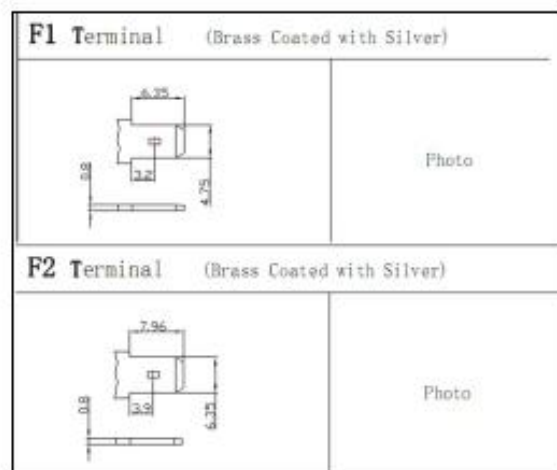
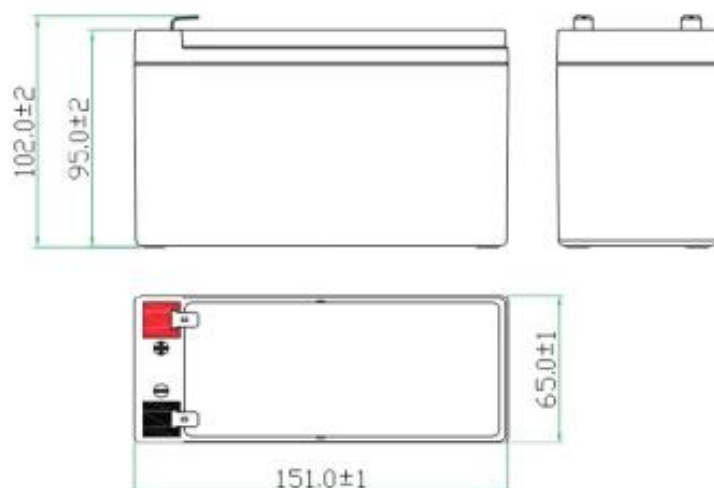
Self Discharge:

KANGLIDA batteries maybe stored for up to 6months at 25°C(77°F) and then a freshing charge is required, for

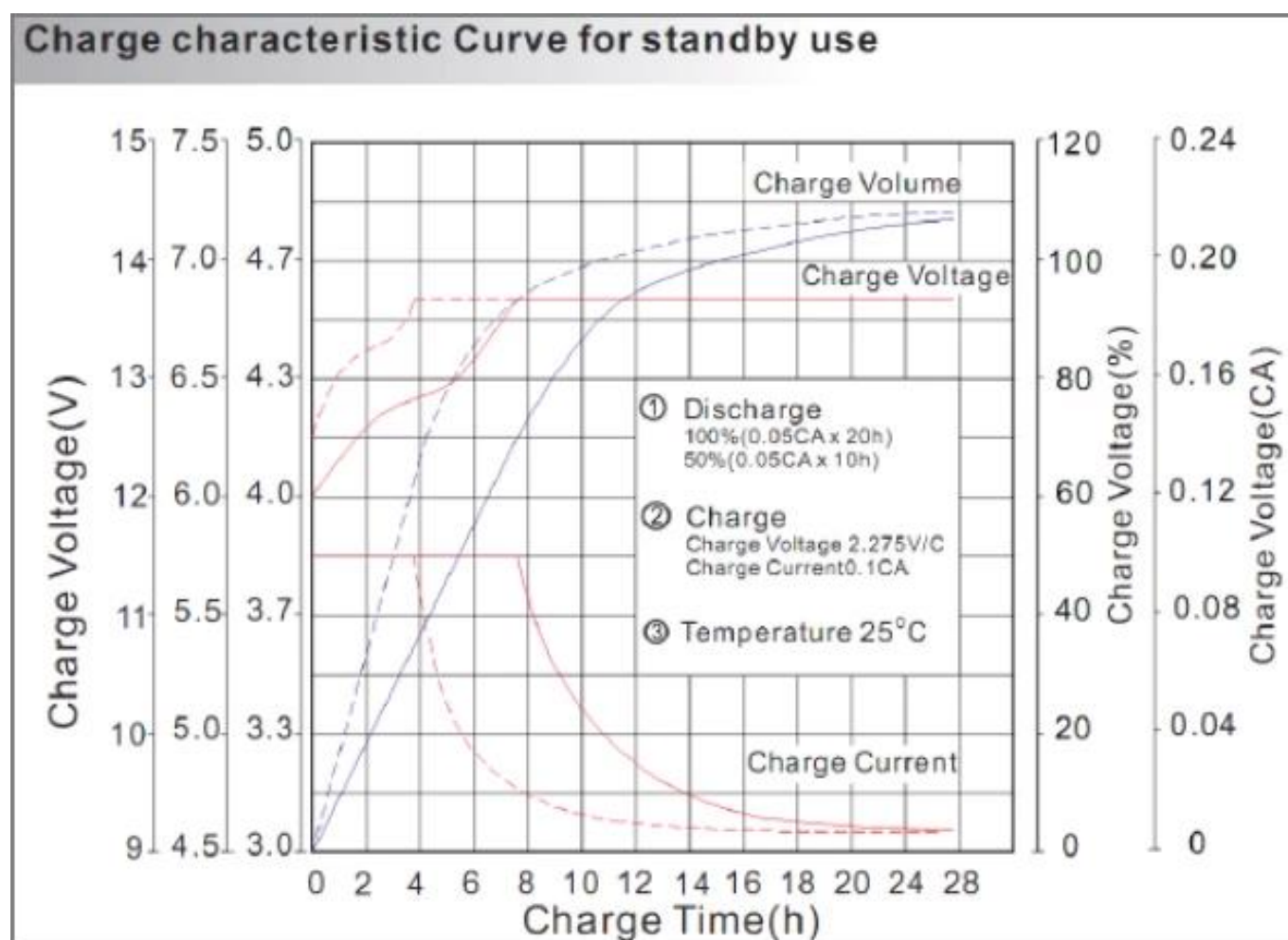
higher temperatures the time interval will be shorter.

Capacity after storage	1month	3month	6month	12month
Self-discharge 25°C(77°F)	90%	75%	65%	55%

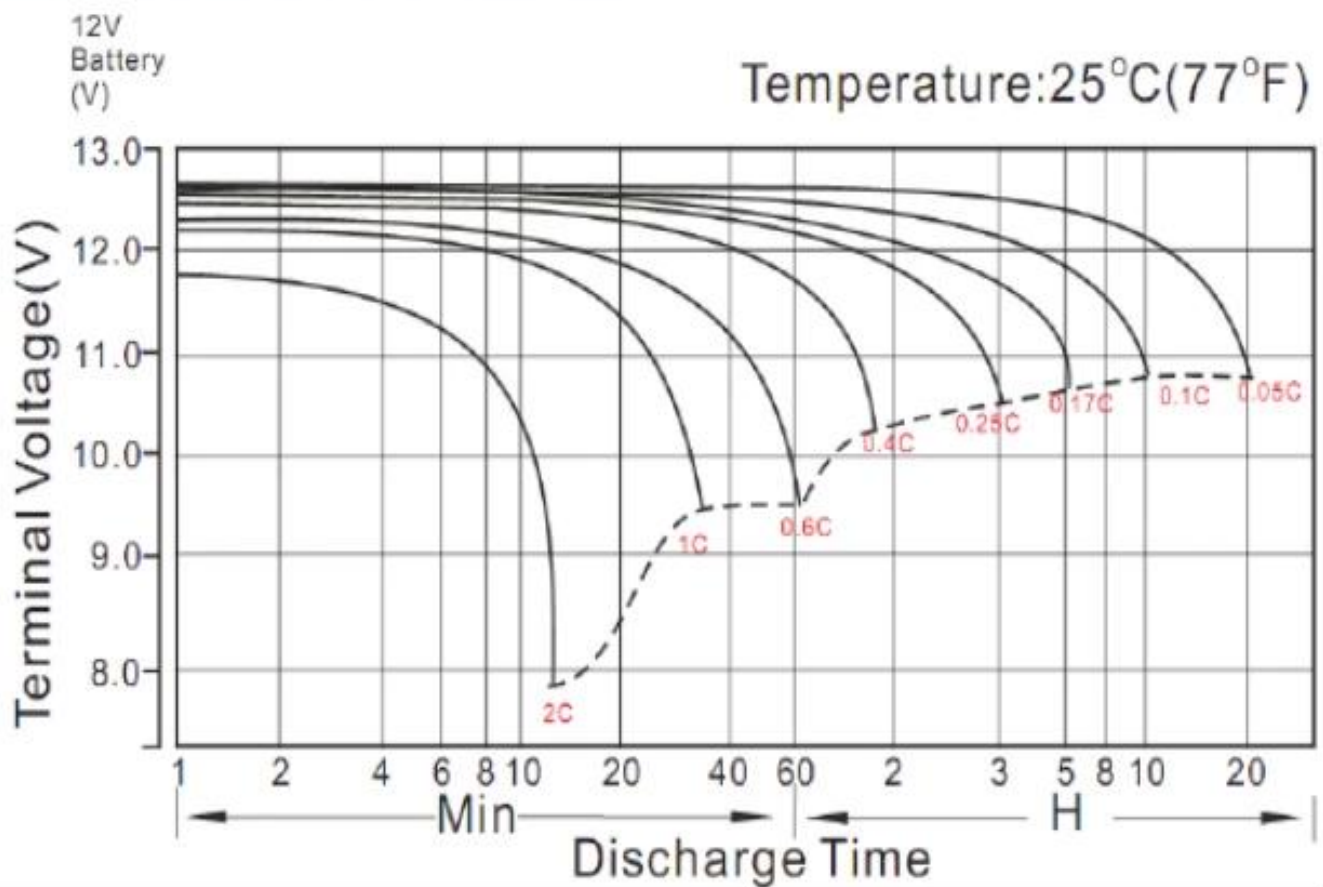
Dimensions:



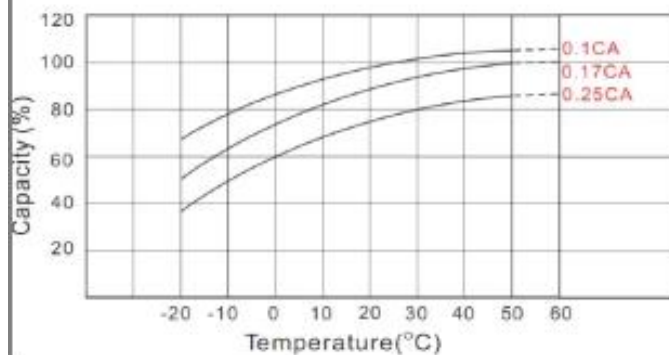
Characteristics:



Discharge characteristic Curve

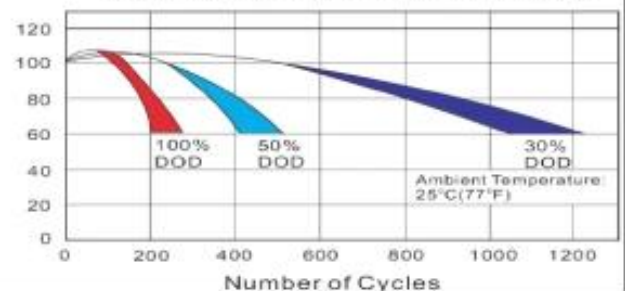


Temperature Effects in Relation to Battery Capacity

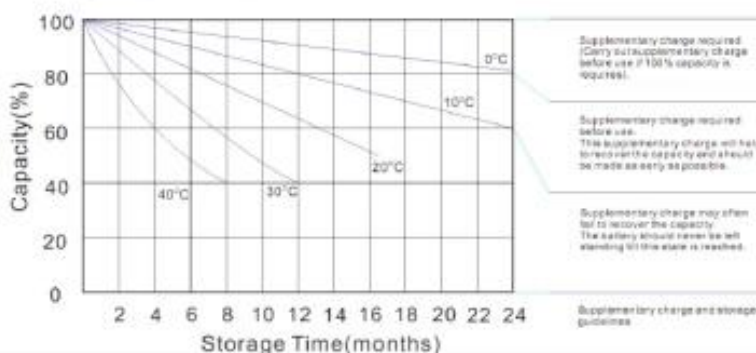


Cycle Life in Relation to Depth of Discharge

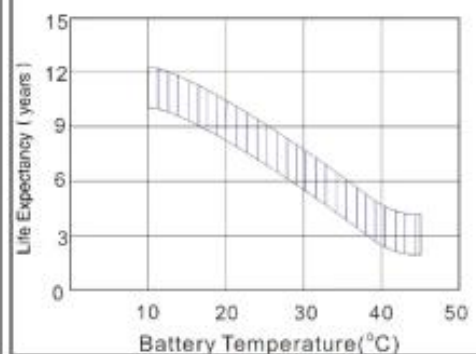
Testing condition
 Discharging: current 0.17C (FV 1.7V/cell);
 Charging: current 0.25C max, voltage 2.45V/cell;
 Charging volume: 125% of discharged capacity.



Storage characteristics



Effect of temperature on long term float life



Attentions:

1. After received product, please checked box damaged or not, if find crack on battery body, contact with us and logistics, it should be caused by boorish handle during delivery;
2. Don't pull or shake terminal, otherwise, it may cause terminal loosen;
3. Battery is not allowed close to Tepid source or basked under the sun for a long time;
4. Charge in the obturate container is not allowed;
5. No short circuit. Battery should be stored full of electronic when not in need, and the battery should be charged every three months in order to avoid the irreversible sulphation. When battery case bursts or electrolyte leaks, battery should be changed lest the acid corrosion.
6. No battery in environment with the acid gas.
7. When battery is used as the backup battery, be careful and check it at regular time to avoid the damage battery. Especially the battery beyond one year should be checked in time, and change the less capacity and scrapped battery. (some batteries maybe have voltage but no current; some batteries maybe have current but no voltage; some maybe have both but less capacity: all these conditions cannot meet the work, reach the power-on time. Do not forth small battery, cause the huge losses)
8. Forbidden put battery in the fire, otherwise it will cause an explosion.
9. When battery cracks or leaks, please use cotton cloth clean it. When skin contacts to the liquid, wash with fresh water immediately. See doctor if serious.
10. No wash on the surface of the battery with the organic solution.
11. If the equipment uses batteries in groups, the batteries must be selected with similar voltage before usage, otherwise some batteries in the group will be damaged due to inconsistent voltage and internal resistance.

In the process of recycling the battery, do not use it under the state of dissatisfied charging. As a result, the battery will be sulphated, and the storage performance and capacity will drop to a long-term dissatisfied state; the battery's capacity and efficiency of use will not be obtained.







RL 



VALVE REGULATED LEAD-ACID BATTERY
6-PM-7
12V7AH/20HRD5°C

CONSTANT VOLTAGE CHARGE
• CYCLE USE: 14.5 - 14.8V
• STANDBY USE: 13.5 - 13.8V
• INITIAL CURRENT: LESS THAN 1.0A

CAUTION

- AVOID SHORT CIRCUIT
- DO NOT CHARGE IN A SEALED CONTAINER



Pb



Pb

VALVE REGULATED LEAD-ACID BATTERY

6-FM-7

12V7AH/20HR(25 °C)

CONSTANT VOLTAGE CHARGE

- CYCLE USE:14.5 ~ 14.9V
- STANDBY USE:13.5 ~ 13.8V
- INITIAL CURRENT:LESS THAN 2.1A

CAUTION

- AVOID SHORT CIRCUIT
- DO NOT CHARGE IN A SEALED CONTAINER

Protective cap for terminals



Copper silver plated terminals

Scope of Application



Company



Hospital



Hotels



Logistics



Port



Financial



Government



Factory



Aviation



School



SHENZHEN GOLDBRIDGE INDUSTRIAL CO.,LTD

Whatsapp: +86-13554918707 :E-mail: sales@goldbridgesz.com:

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Factory Wholesale Exit Button/Adapter/Linear Power Supply



ACM-A80-3A

US\$4.29-4.64

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ACM-18V
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ACM 12V5A
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Contact Us



+86-13554918707
Lily Jiang

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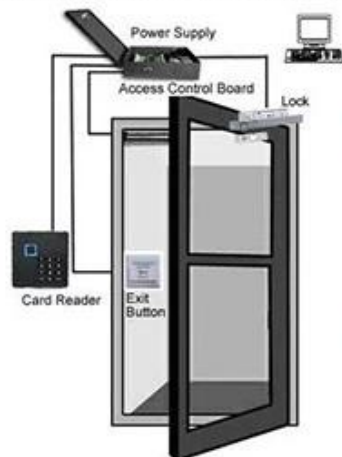
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You May Need

Complete Door Access Control Solution Provider



RFID Card



RFID Key fob



RFID Wristband



RFID Reader



Long Distance
UHF Reader



Access Control
Reader

Our Service

- 1, Any inquiries will be replied within 24 hours
- 2, Professional manufacturer and supplier, Welcome to visit our website and our factory
- 3, OEM/ODM Available
- 4, High quality, fashion design, reasonable & competitive price, fast lead time
- 5, After-sale Service :
 - 1), All products will have been strictly quality checked in house before packing
 - 2), All products will be well packed before shipping
 - 3), All our products have 2-3 year warranty if the damage is not caused by human
- 6, Faster delivery : Around 1~ 5 days for sample order, 7~30 days for bulk order
- 7, Payment : You can pay for the order via : T/T, Western Union, Paypal

FAQ

Q: 1. How can I place an order?

A: Please list your requirement to us via Email. Then we will send the offer to you at earliest time, after order confirmation, we will arrange production ASAP.

Q: 2. What about the payment and shipment?

A: T/T, Paypal, Western Union.

Clients can choose by sea, air or express (DHL, FedEx, TNT UPS etc.)

Q: 3. How can I get a sample to check your quality?

A: We could provide free sample to you, and the freight cost paid by you.

Q: 4. How long can I expect to get the samples?

A: It depends on the quantity. Normally 3-7 days for 5000 pcs and 7-15 days for 100,000 pcs

Q: 5. Can your products be customized?

A: Almost all of your products are customized, including the material, size, thickness and printing. OEM orders are highly welcome.

Q: 6. Are you a trading company or factory?

We are one of the biggest manufacturers of RFID cards/NFC tags/RFID keyfobs/RFID wristbands/RFID reader and access control products in China more than 20 years.