

KAZUKI®

Maintenance free Sealed lead-acid battery

MODEL: YTZ5S-BS

SPECIFICATIONS

Nominal Voltage:	12 volts
Nominal Capacity:	5.0 Ah
Approximate Weight:	1.4 kg
Internal Resistance (approx)	21mΩ
Dimensions:	113X70X85 ±2mm
Packing specification	10PC
AGM 25°C / - 18°C	135 / 60 CCA

Temperature Dependency of Capacity (10 hour rate)

40°C	25°C	0°C	-15°C
102%	100%	85%	65%

AGM Operational Temperature

Charge	0°C to 40°C
Discharge	-15°C to 45°C

AGM Storage Temperature -15°C to 40°C

Container Optinal
Color

black	
grey	
red	
orange	
yellow	
green	
blue	
Pran	



Assembly Figure:



Due to continuous improvements to our products, product may vary slightly from depiction.

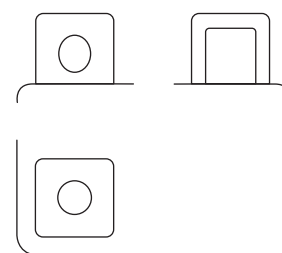
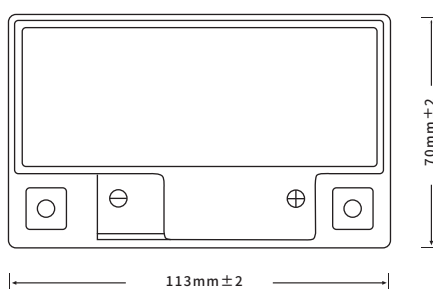
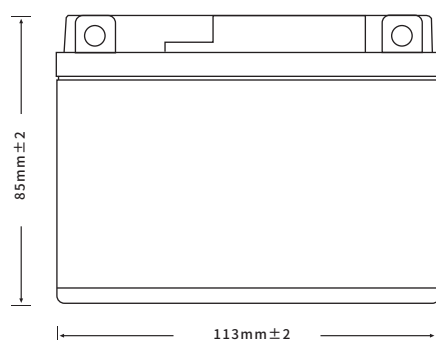
Parts:

Executed Standard: GB/T19639

Cover	Container Bottom	Terminal	Positive Plate	Negative Plate	Separator	Electrolyte	Safety Valve	Seal Glue
ABS	ABS	pb	pb02	pb	AGM	dilute sulphuric acid	Rubber	Epoxy Resin

Physical Dimensions: in (mm)

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Tolerances are +/- 1mm and +/- 2mm for height dimensions
All data subject to change without notice.

Terminals Series (Copper terminal)
Types of: (Square F1 terminal)
Whether equipped with screws: YES

CONTACT US:

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Guangzhou Xin Tang Shallow Power Supply Co.,LTD

- ▶ Factory Add: ShangGao Industrial Park, JiangXi Province, China
- ▶ Office Add: Baiyun District, Guangzhou City, Guangdong Province
- ▶ Official website <https://www.gs-batteries.com>
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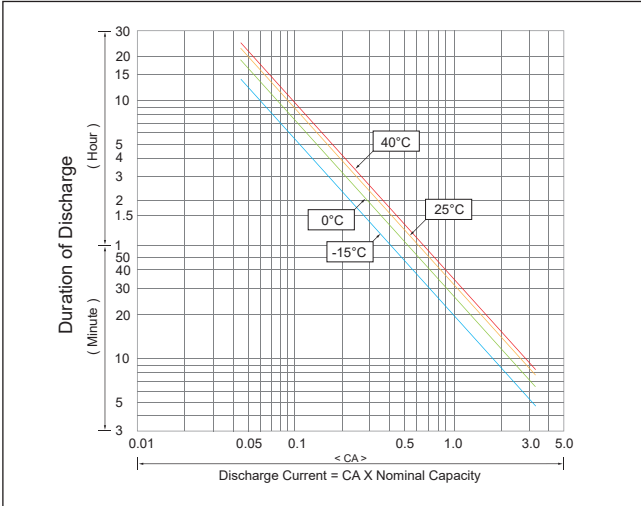


WeChat official account

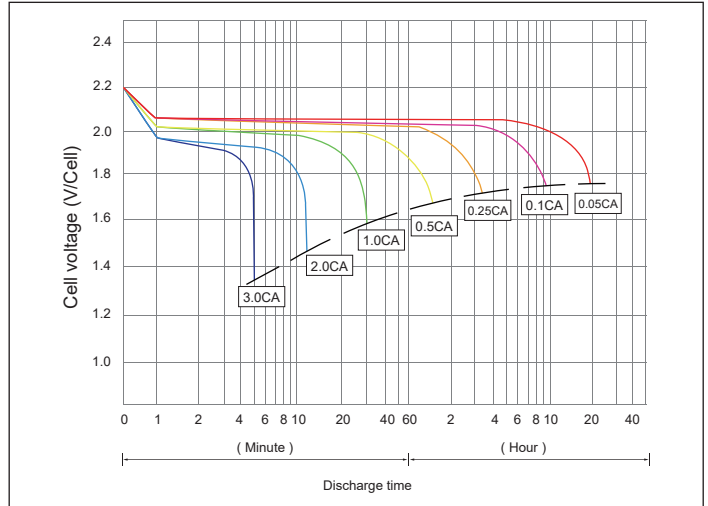


Company website

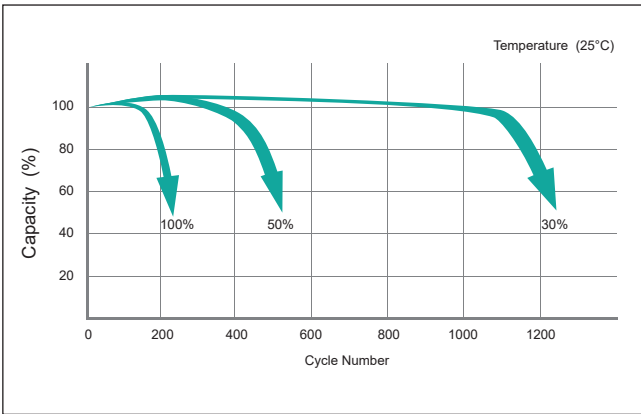
Discharge Time vs. Discharge Current



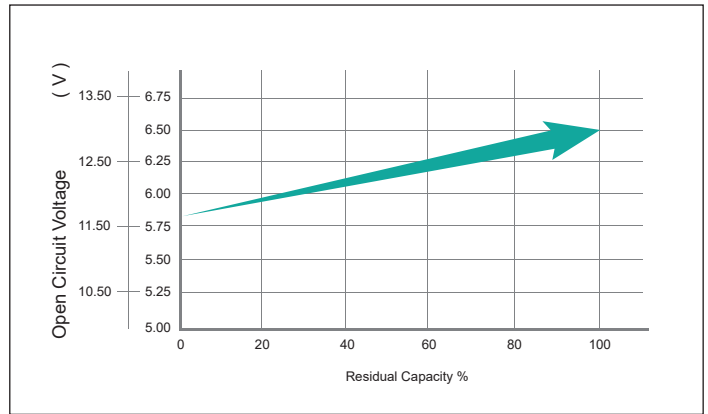
Discharge Characteristics



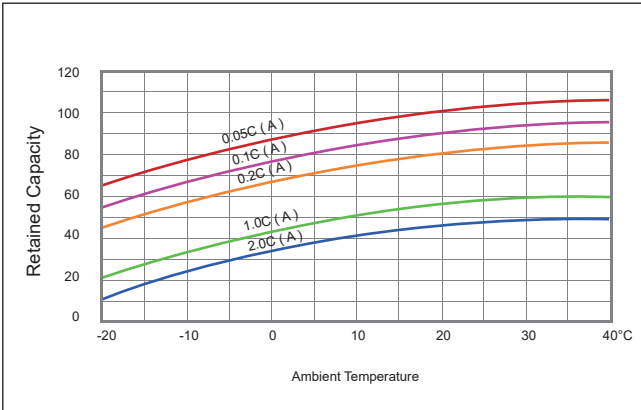
Cycle Life vs Depth of Discharge



Open Circuit Voltage vs Residual Capacity



Effect of Temperature on Capacity



Charge Current & Final Discharge Voltage

Application	Charge Voltage (V/Cell)			Max.Charge Current
	Temperature	Set Point	Allowable Range	
Cycle Use	25°C	2.45	2.43~2.47	0.30C
Standby	25°C	2.28	2.27~2.30	

Final Discharge Voltage V/Cell	1.75	1.70	1.60	1.30
Discharge Current (A)	0.2C > (A)	0.2C < (A) < 0.5C	0.5C < (A) < 1.0C	(A) > 1.0C

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