

YALÇIN GOLD BATTERY

YGG12045.0 (12V45AH)

GENERAL FEATURES

- ◆ Oxygen recombination technology: Maintenance Free VRLA Battery, no need to add water or acid
- ◆ The patent grid alloy: less gassing, low self-discharge, excellent corrosion resistance performance
- ◆ Special paste formula: additives are added to improve deep discharge, long cycle life
- ◆ High quality AGM separator: extend cycle life and prevent micro short circuit
- ◆ The patent Nano silica gel electrolytes, extend cycle life and improve the deep discharge performance
- ◆ ABS container: increase the strength of battery (Flame-retardant ABSUL94-V0 is optional)

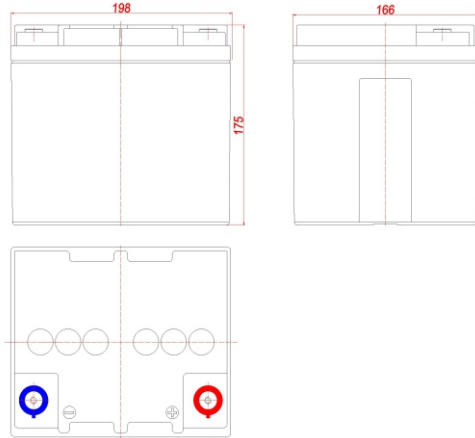
Application

- ◆ Electric tools or toys
- ◆ Electric Bicycle/Tricycle
- ◆ Golf trolleys and golf cart
- ◆ Patrol car
- ◆ Electric Sight-seeing Tour Bus
- ◆ Sweeper
- ◆ Wheelchairs
- ◆ Lawn mowers
- ◆ Illumination light

Dimension

Unit:mm

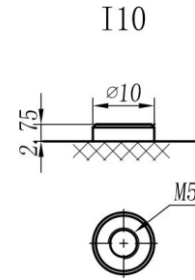
Length	198±2mm / 7.8inch
Width	166±2mm / 6.54inch
Container Height	175±2mm / 6.89inch
Total Height	175±2mm / 6.89inch



Terminal

Unit:mm

Terminal Type: I10



Weight

14kg 30.86lbs



Merkez

100. Yıl Bulvarı 1232. Sokak
(Eski 40. Sokak) No: 65
Ostim / ANKARA



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Servis

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(Eski 57. Sokak) No: 91
Ostim / ANKARA



Fabrika

Kırıkkale OSB Kızılırmak Caddesi
4. Sokak No: 6
Yahşihan / KIRIKKALE

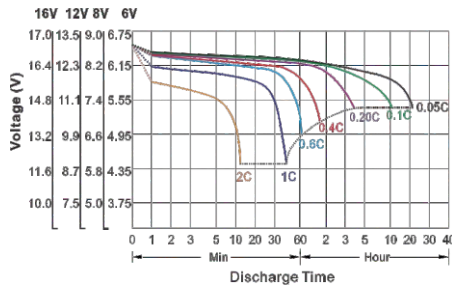
YALÇIN GOLD BATTERY

Specificaion

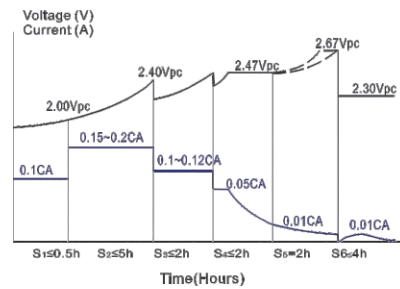
Nominal Voltage	12V
Nominal Capacity	50Ah
Rated Capacity	C20(1.80V/cell) 50Ah
(25°C)	C10(1.80V/cell) 48Ah
	C5(1.75V/cell) 45Ah
Container Material	ABS (Flame-retardant ABSUL94-V0 is optional)
Operating Temperature Range	Discharge -20 ~ +50°C
	Charge 0 ~ +40°C
	Storage -15 ~ +40°C
Capacity Affected by Temperature	40°C / 104°F 106%
	25°C / 77°F 100%
	0°C / 32°F 86%
	-10°C / 14°F 65%
Charge Method	Please refer to the "Charge Characteristics (25°C)" below
Monthly Self Discharge	<3%, YGG series stored at 25°C require a supplementary charge every six months, the charging interval would shrink when the ambient temperature went higher

Performance Curve

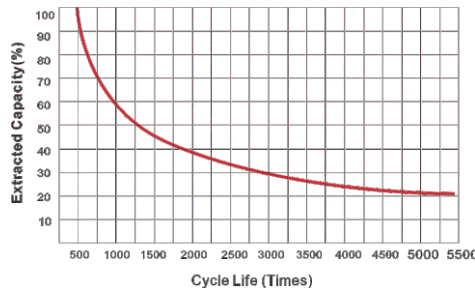
Discharge Characteristics (25°C)



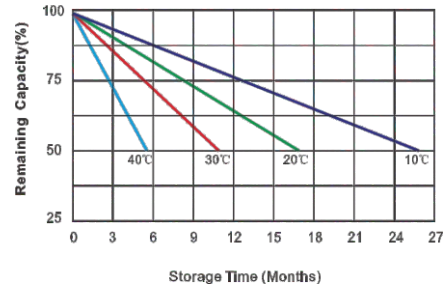
Charge Characteristics (25°C)



Cycle Lives With Depth Of Discharge



Self-Discharge Characteristics



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