

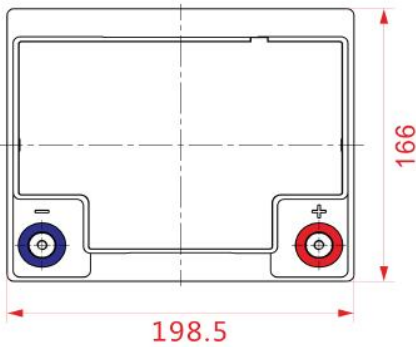
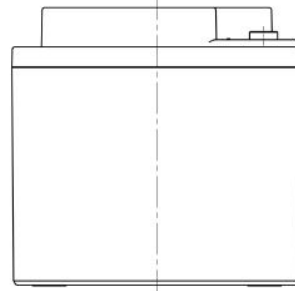
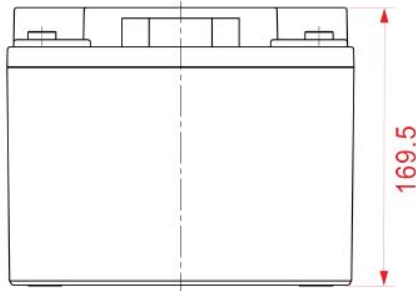
- Compared with the conventional 6 EVF-32A battery, the capacity increased by % 18, corresponding to the same configuration of the vehicle continued mileage increased by % 18.

### Best Loading Requirement

- Starting current less than 35A,  
the normal current less than 17,5A,  
with 48V 850W, 60V 1050W, 72V 1250W motor  
or below the powers.

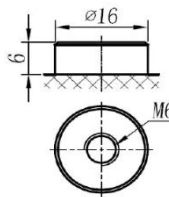
### Applications

- 48V 38Ah Medium Electric Tricycles
- 60V 38Ah Medium & Large Electric Tricycles
- 60V 38Ah, 72V 38Ah Electric Motor Vehicles



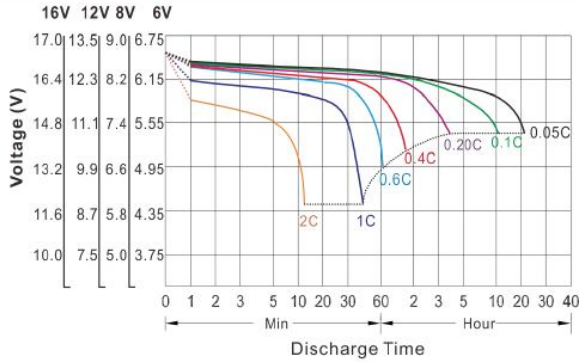
Terminal Type: I3

I3

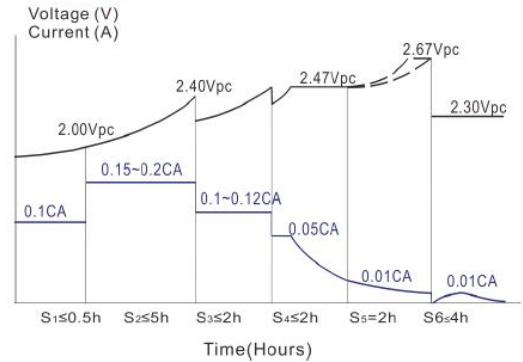


Battery Model	<b>YGD 12-40 (A-S) EV</b>			
Designed Floating Life	Up to 8 years @20-25°C ambient temperature			
Capacity (25°C)	20 HR (2.25 A, 10.8 V)	10 HR (4.3 A, 10.8 V)	5 HR (8 A, 10.5 V)	1 HR (34 A, 10.5 V)
	45 Ah	43 Ah	40 Ah	34 Ah
Dimensions	Lenght	Width	Height	Total Height
	199 mm	166 mm	155 mm	170 mm
Approx Weight	13.5 kg ± %3			
Internal Resistance	Full charged @25°C, equal or less than 10.8 mOhm			
Self Discharge	%2 capacity declined per month @25°C			
Capacity Affected By Temperature (20 HR)	40°C	25°C	0°C	-15°C
	%106	%100	%86	%65

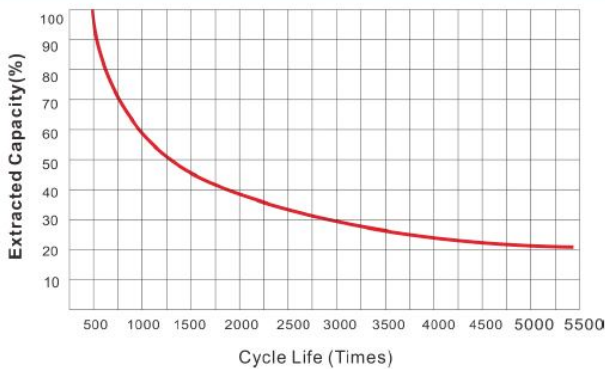
### Discharge Characteristics ( 25°C )



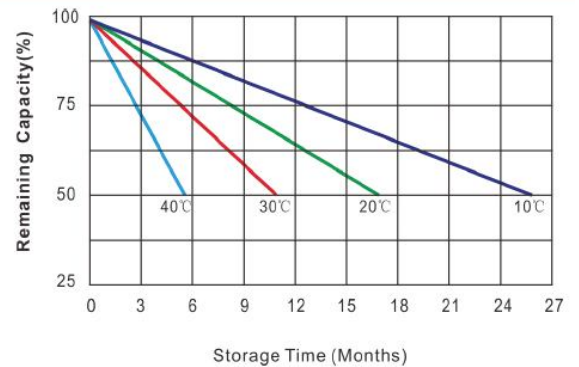
### Charge Characteristics ( 25°C )



### Cycle Lives With Depth Of Discharge



### Self-Discharge Characteristics



### Yiğit Akü AŞ

Organize Sanayi Bölgesi Oğuz Caddesi No: 2 Sincan / Ankara - TÜRKİYE  
Tel: +90 312 267 02 80 - Faks: +90 312 267 08 61 - 267 40 00  
endustriyel@yigitaku.com  
www.yigitaku.com