








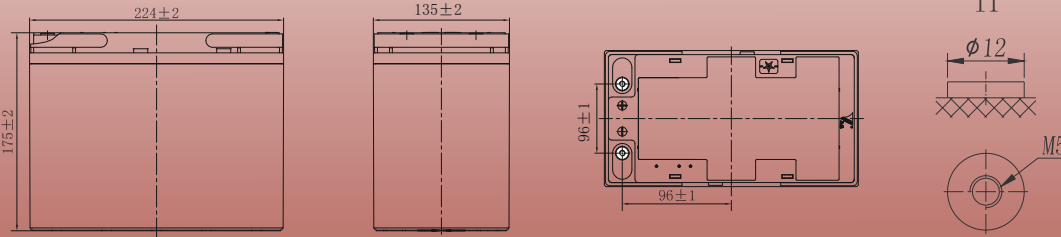


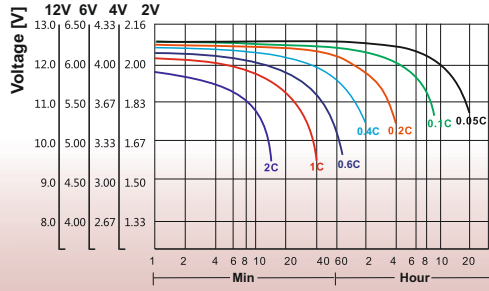
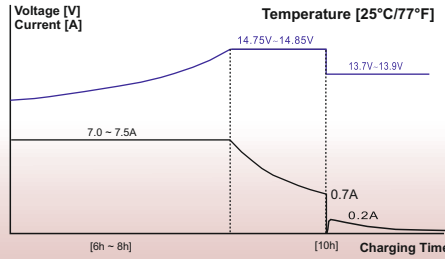
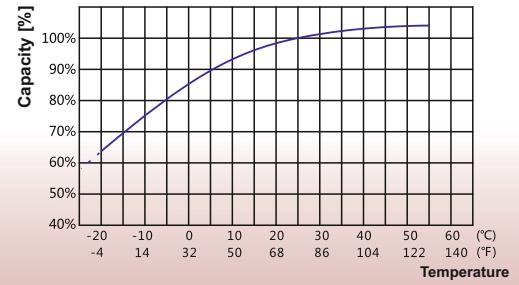
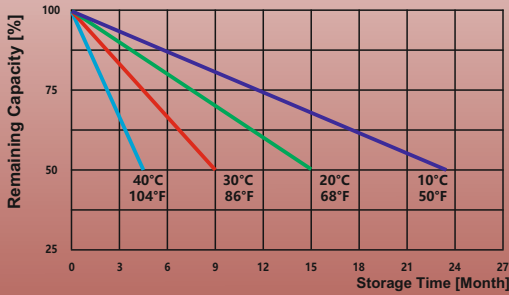
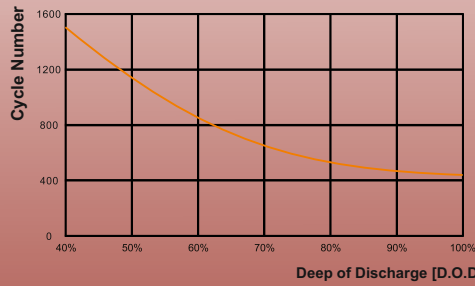
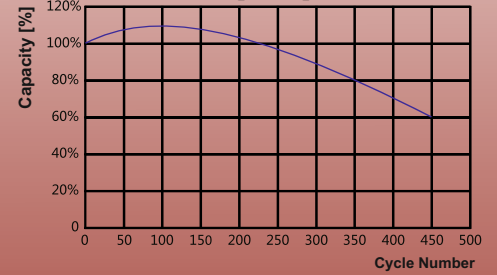
-  **10% High Energy Density**
-  **15% Extra Capacity Performance**
-  **50% Low Corrosion**
-  **0% Sulfation**
-  **ABS Box UL94-HB**

- E-Scooter** 
- E-Motocycle** 
- Snow Scooter** 
- Automatic Guided Vehicles (AGV)** 
- Cleaning Machines** 
- E-Wheel Chairs** 



Battery Code	YGD12-62[AXW]	C20 [Ah, 25°C] [3.10A - 10.5V]	62.0A			
Stock Code	00620001A	C10 [Ah, 25°C] [5.96A - 10.8V]	59.6A			
Length [mm]	224	C5 [Ah, 25°C] [11.6A - 10.5V]	58.0A			
Width [mm]	135	C3 [Ah, 25°C] [18.2A - 10.5V]	54.6A			
Height [mm]	175	C1 [Ah, 25°C] [48.0A - 9.60V]	48.0A			
Total Height [mm]	175	Operating Temperature	Discharge	Charge	Storage	Optimum
Tolerance	[<100 mm = ± 2mm] [>100 mm = ± 3mm]		-15°C ~ +50°C	-0°C ~ +40°C	-15°C ~ +40°C	25 ± 3 °C
Weight [Kg ±%3]	14.2	Temperature - Capacity Relationship	40°C	25°C	0°C	-15°C
Current Limit	0.2≤C:A		106%	100%	85%	65%
Self Discharge [25°C]	3% / Month	Charge Limit - Cycle Use	14.75 V ~ 14.85 V [-24mV/°C]			
		Charge Limit - Float Use	13.7 V ~ 13.9 V [-18mV/°C]			



Discharge Characteristics [25°C]

Charge Characteristics [25°C]

Temperature - Capacity [25°C]

Time - Self Discharge

Deep of Discharge - Cycle Life

Cycle Life - Remaining Capacity [25°C]

Constant Current - Discharge Table [25°C,A]

Cutting Voltage [V/Cell]	Minute		Hour								
	30	45	1	2	3	4	5	6	8	10	20
1.85	65.9	47.0	41.6	21.5	17.0	12.5	10.9	8.54	6.50	5.80	2.94
1.80	68.2	48.4	42.8	22.3	17.6	13.0	11.3	8.85	6.71	5.96	3.04
1.75	70.1	50.2	44.2	23.7	18.2	13.4	11.6	9.09	6.91	6.00	3.10
1.70	71.8	51.5	45.6	24.0	18.5	13.8	12.0	9.40	7.06	6.23	3.16
1.67	73.3	53.1	47.1	24.3	18.8	13.9	12.1	9.48	7.18	6.31	3.19
1.60	75.3	54.7	48.0	25.1	19.5	14.3	12.4	9.73	7.34	6.46	3.21

Constant Power - Discharge Table [25°C,W/Cell]

Cutting Voltage [V/Cell]	Minute		Hour								
	30	45	1	2	3	4	5	6	8	10	20
1.85	129.0	92.4	74.4	42.9	32.7	25.2	20.5	17.3	13.2	10.7	5.71
1.80	133.0	94.8	76.4	44.2	33.8	26.0	21.1	17.8	13.5	11.0	5.88
1.75	136.0	98.1	79.0	46.9	34.9	26.8	21.6	18.2	13.9	11.2	5.97
1.70	138.0	99.9	81.3	47.3	35.5	27.4	22.2	18.7	14.1	11.4	6.08
1.67	140.0	102.3	83.7	47.6	35.7	27.5	22.4	18.8	14.2	11.5	6.09
1.60	143.0	104.6	84.5	48.7	36.6	28.1	22.8	19.1	14.5	11.7	6.13

Yiğit Akü A.Ş.

Organize Sanayi Bölgesi Türkmenistan Caddesi No:27 Sincan / ANKARA / TURKEY

Tel: +90 312 267 02 80 – Faks: +90 312 267 08 61 – 267 40 00

endüstriyel@yigitaku.com – www.yigitaku.com