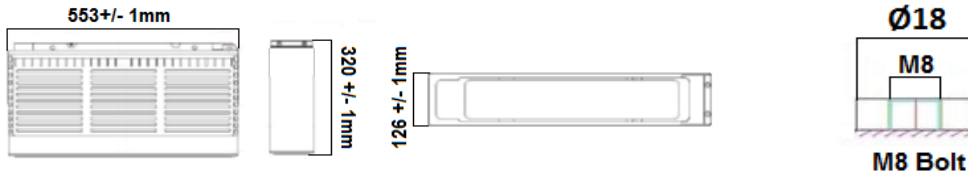


- ✘ Long-Term Storage, High Performance, Truly Maintenance-Free
- ✘ Stable Quality and High Reliability Performance
- ✘ Special Grid Alloy and Production Technology with Advanced Tech.
- ✘ 12+ Year Life Expectancy
- ✘ Excellent Sealing Resistance With Thermal Adhesion
- ✘ %99 Recombination Capability
- ✘ %100 Quality Control Approved M18 Valve Use
- ✘ Outstanding AGM (Absorbed Glass Matt) Technology
- ✘ Use of ABS-FR Material according to UL94
- ✘ Battery Design according to 23 "48VDC Cabin Standards
- ✘ Production according to TS EN 60896-21 / 22 Standards


Field of Applications

- ✘ Telecommunication
- ✘ Alarm and Security Systems
- ✘ Uninterruptible Power Supplies
- ✘ Communication Power Supplies
- ✘ Electric Power System (EPS)
- ✘ DC Power Supplies
- ✘ Emergency Lighting Systems
- ✘ Automatic Control Systems



Battery Type	YGE12-150-FT			
Nominal Voltage	12V			
Nominal Capacity	150Ah @ 10 HR 1.8V/Cell @ 20°C			
	147Ah @ 8 HR 1.75V/Cell @ 20°C			
	125Ah @ 3 HR 1.7V/Cell @ 20°C			
	111Ah @ 1 HR 1.6V/Cell @ 20°C			
Dimensions (mm)	Length	Width	Height	Total Height
	553	126	320	320
Weight (Kg)	55 ± %5			
Int. Resistance TS EN 60896-21	Max. 3,8 mΩ @ 25°C			
Self Discharge	Max %3Ah/Ay @ 25°C			
Stock Life	Requires Charging After 6 Month @ 25°C Standby Period.			
Operating Temperature	Discharge	-40°C/+71°C		
	Charge	-23°C/+60°C (Chargin must be balanced according to temperature)		
	Normal	-40°C/+71°C		

YİĞİT AKÜ A.Ş.

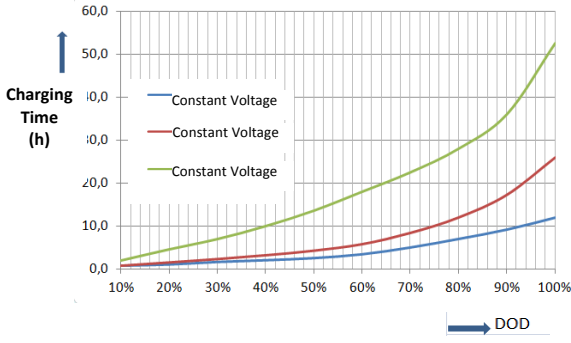
Organize Sanayi Bölgesi Türkmenistan Cad. No: 27 Sincan/ANKARA TURKEY

Tel: +90 312 267 46 39 - Fax: +90 312 267 08 61 / 267 40 00

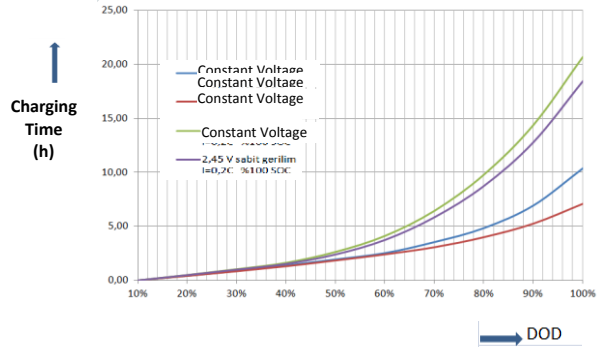
endustriyel@yigitaku.com

www.yigitaku.com.tr

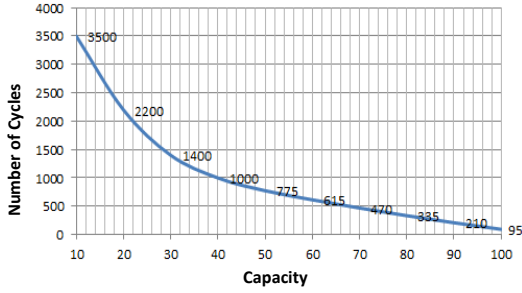
Floating Voltage - Charging Time Graph



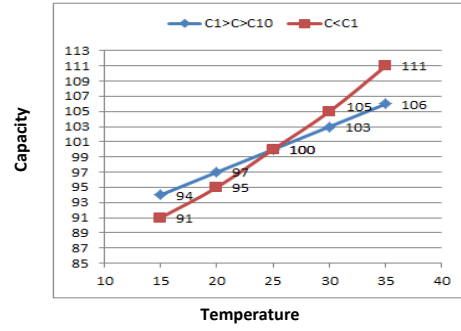
Cycle Voltage- Charging Time Graph



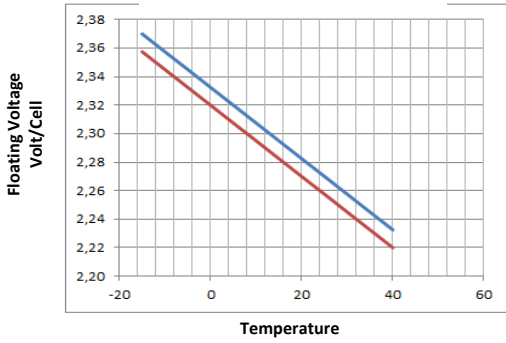
Capacity - Number of Cycles Graph



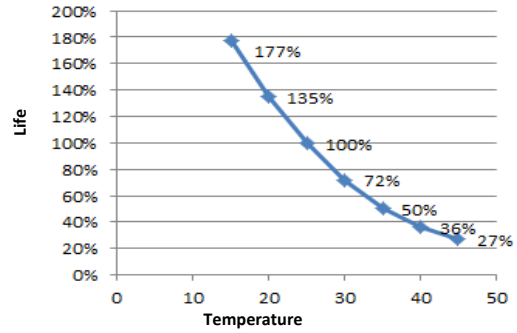
Temperature - Capacity Relation



Floating Voltage - Temperature Compensation Graph



Temperature - Life Graph



Constant Current Discharge Table @20 °C

	15	20	30	60	120	180	240	300	360	420	480	600	1200	1200
1,60	264,6	225,1	170,5	101,9	56,0	40,0	31,9	26,7	23,1	20,6	18,3	15,1	8,1	8,3
1,65	254,8	218,2	166,6	100,0	55,4	39,8	31,8	26,7	23,0	20,5	18,3	15,0	8,0	8,3
1,70	246,0	210,2	161,7	99,0	54,6	39,5	31,5	26,6	22,9	20,4	18,2	15,0	8,0	8,2
1,75	231,3	198,5	153,9	95,6	53,7	38,9	31,2	26,4	22,8	20,2	18,1	14,9	8,0	8,2
1,80	208,7	183,0	144,1	91,8	51,9	38,2	30,6	26,0	22,5	20,0	17,9	14,7	7,9	8,1
1,85	180,3	162,9	130,3	83,7	48,3	35,2	28,6	24,1	20,9	18,5	16,6	13,5	7,2	7,9