

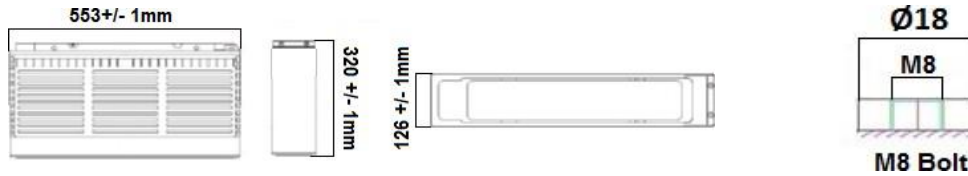
12V 150Ah Front Terminal AGM Battery

- ✘ 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

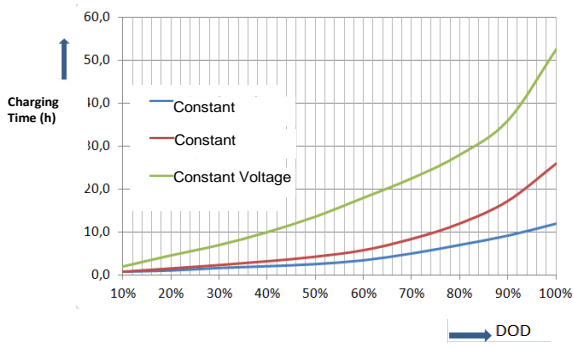
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| <ul style="list-style-type: none"> ✘ Telecommunication ✘ Uninterruptible Power Supplies ✘ Electric Power System (EPS) ✘ Emergency Lighting Systems | <ul style="list-style-type: none"> ✘ Alarm and Security Systems ✘ Communication Power Supplies ✘ DC Power Supplies ✘ Automatic Control Systems |
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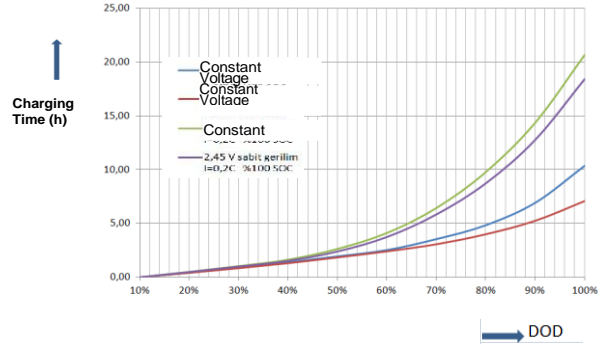
Battery Type	YGE12-150-FT			
Nominal Voltage	12V			
Nominal Capacity	150Ah @ 10 HR 1.8V/Cell @ 20°C			
	147Ah @ 8 HR 1.75V/Cell @ 20°C			
	125Ah @ 3 HR 1.7V/Cell @ 20°C			
	111Ah @ 1 HR 1.6V/Cell @ 20°C			
Dimensions (mm)	Length	Width	Height	Total Height
	553	126	320	320
Weight (Kg)	55 ± %5			
Int. Resistance 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		

12V 150Ah Front Terminal AGM Battery

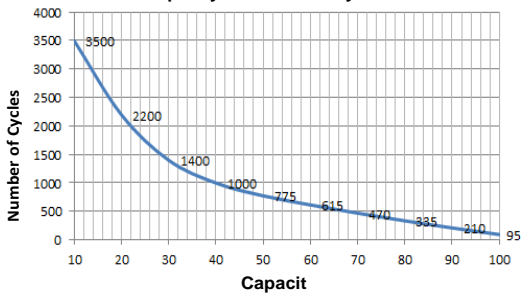
Floating Voltage - Charging Time Graph



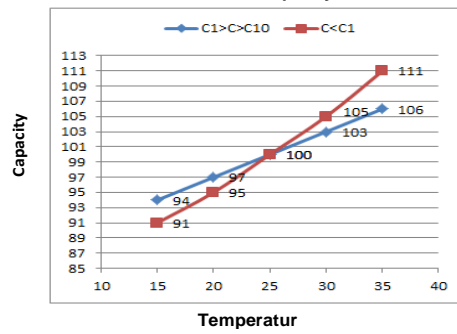
Cycle Voltage- Charging Time Graph



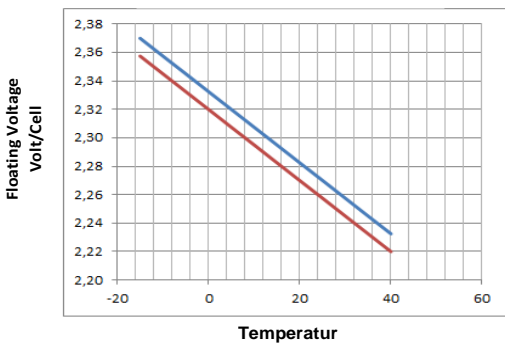
Capacity - Number of Cycles



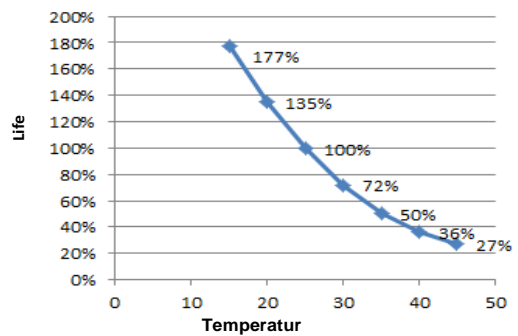
Temperature - Capacity



Floating Voltage - Temperature



Temperature - Life



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