

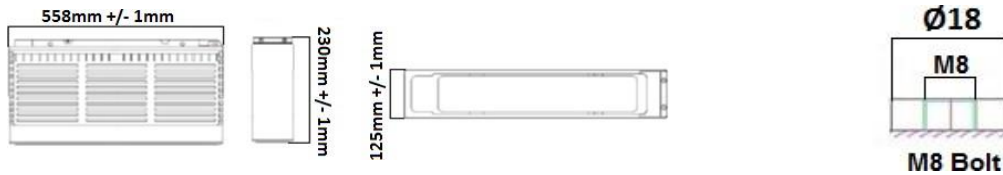
## 12V 100Ah Front Terminal AGM Battery

- ✘ 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

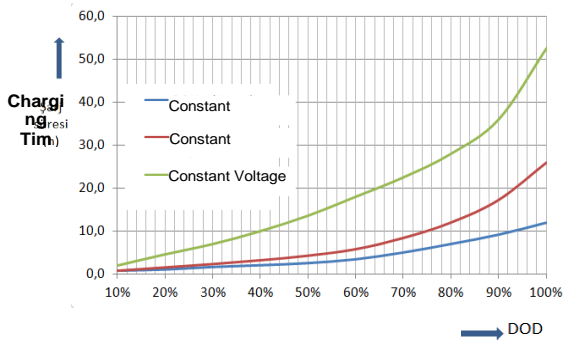
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|--|--|
| <ul style="list-style-type: none"> <li>✘ Telecommunication</li> <li>✘ Uninterruptible Power Supplies</li> <li>✘ Electric Power System (EPS)</li> <li>✘ Emergency Lighting Systems</li> </ul> | <ul style="list-style-type: none"> <li>✘ Alarm and Security Systems</li> <li>✘ Communication Power</li> <li>✘ Supplies DC Power Supplies</li> <li>✘ Automatic Control Systems</li> </ul> |
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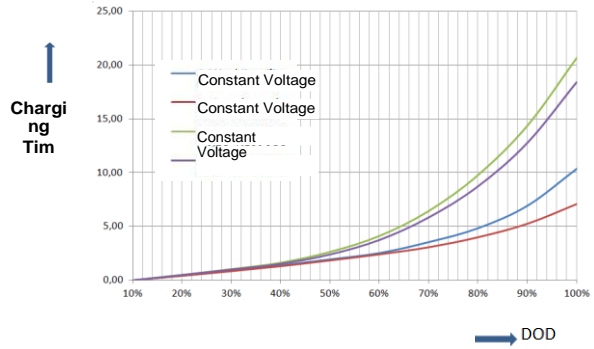
<b>Battery Type</b>	12-100-FT			
<b>Nominal Voltage</b>	12V			
<b>Nominal Capacity</b>	100Ah @ 10 HR 1.8V/Cell @ 20°C			
	88,2Ah @ 8 HR 1.75V/Cell @ 20°C			
	77,85Ah @ 3 HR 1.7V/Cell @ 20°C			
	54,78Ah @ 1 HR 1.6V/Cell @ 20°C			
<b>Dimensions (mm)</b>	Length	Width	Height	Total Height
	553	126	230	230
<b>Weight (Kg)</b>	37,5 ± %5			
<b>Int. Resistance TS EN 60896-21</b>	Max. 4,8 mΩ @ 25°C			
<b>Self Discharge</b>	Max %3Ah/Ay @ 25°C			
<b>Stock Life</b>	Requires Charging After 6 Month @ 25°C Standby Period.			
<b>Operating Temperature</b>	Discharge	-40°C/+71°C		
	Charge	-23°C/+60°C (Chargin must be balanced according to temperature)		
	Normal	-40°C/+71°C		

# 12V 100Ah Front Terminal AGM Battery

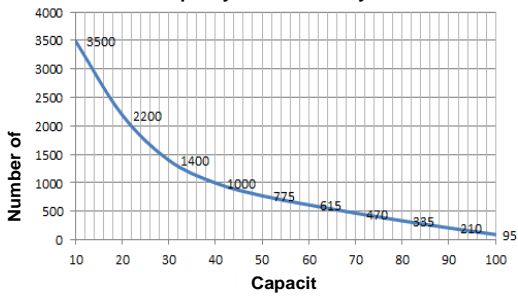
**Floating Voltage - Charging Time Graph**



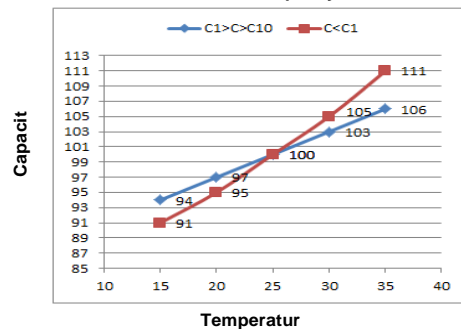
**Cycle Voltage- Charging Time Graph**



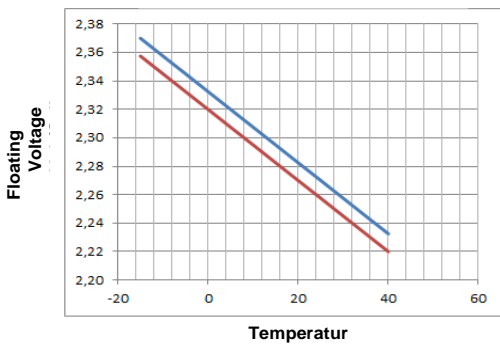
**Capacity - Number of Cycles**



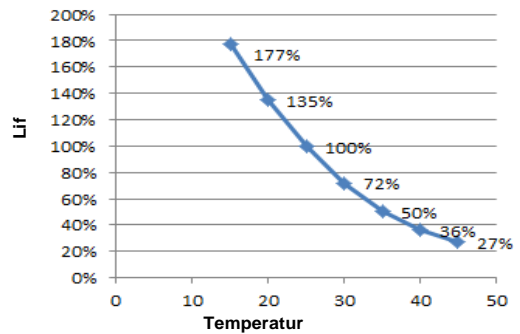
**Temperature - Capacity**



**Floating Voltage - Temperature**



**Temperature - Life**



## Sabit Akım Deşarj tablosu @20 °C

	5	10	15	30	45	60	120	180	240	300	360	480	600	1200
1,60	260,68	216,58	178,95	122,70	85,55	65,17	38,91	28,07	22,64	18,50	15,76	12,23	10,48	5,52
1,65	248,14	198,35	169,64	114,95	78,60	61,64	38,02	27,28	21,66	18,27	15,76	12,15	10,48	5,47
1,70	232,55	178,46	156,41	107,21	72,91	56,15	37,04	26,73	21,46	18,11	15,52	12,07	10,32	5,43
1,75	214,33	163,56	147,00	102,80	71,05	54,78	36,46	26,42	20,87	17,88	15,37	11,92	10,16	5,41
1,80	191,20	152,00	135,34	94,47	63,80	50,76	35,48	25,95	20,48	17,64	15,21	11,76	10,00	5,39