

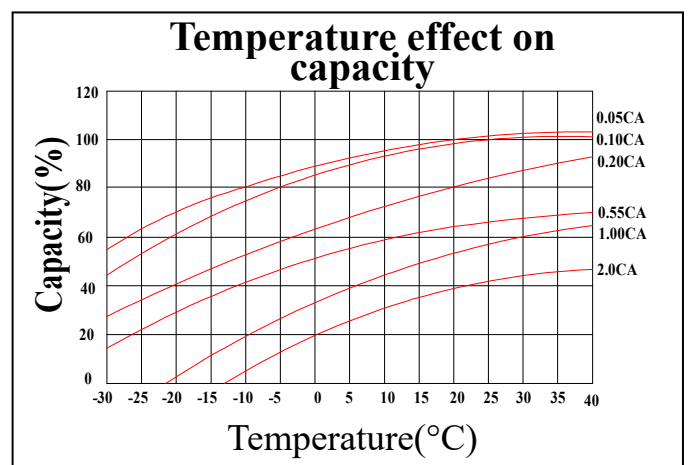
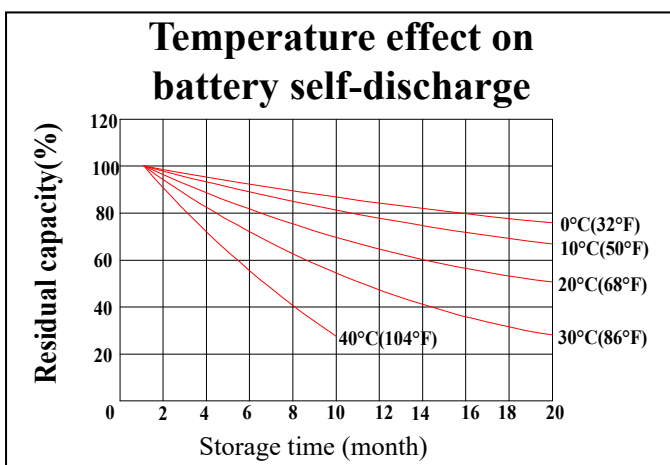
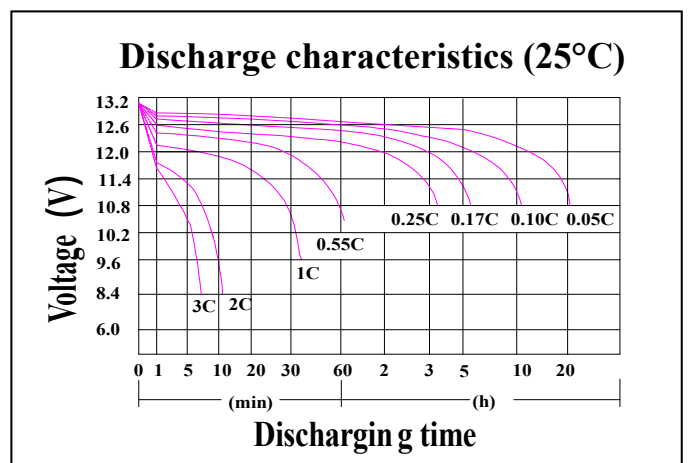
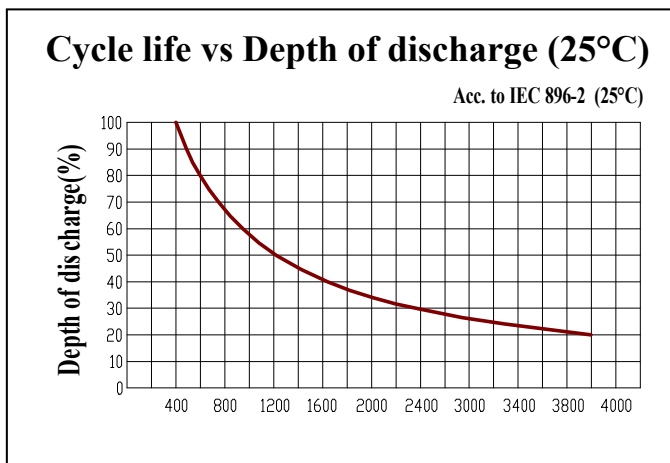
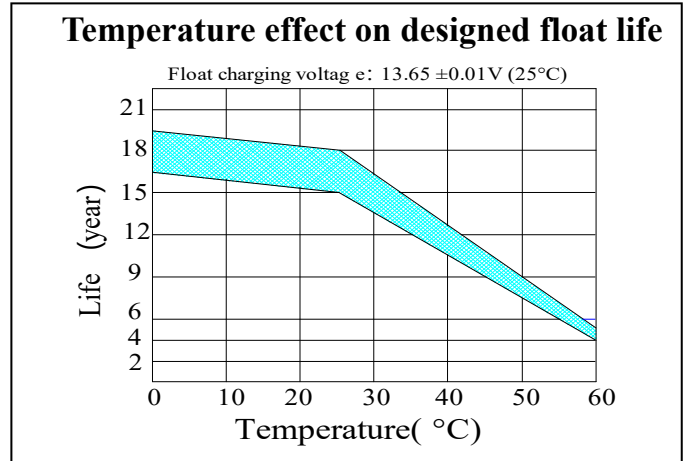
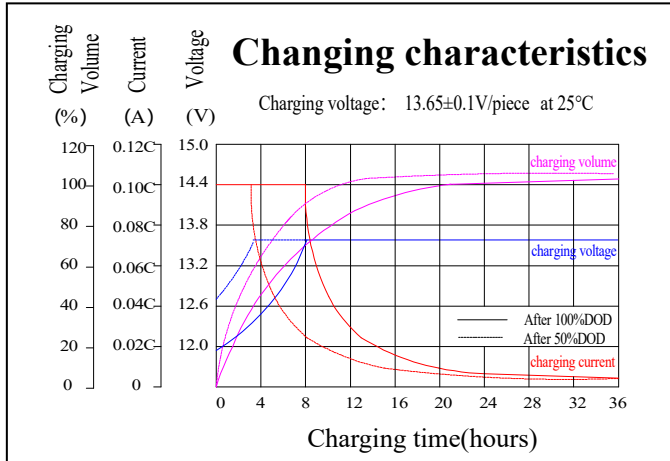
DEEP CYCLE VRLA AGM BATTERY



TECHNICAL SPECIFICATIONS

	ETG-B12-80D	ETG-B12-120D	ETG-B12-150D	ETG-B12-200D	ETG-B12-250D
Nominal Voltage	12V - 6 Cells per Unit	12V - 6 Cells per Unit	12V - 6 Cells per Unit	12V(6 cells per unit)	12V - 6 Cells per Unit
Design floating life	12 Years	15 Years	15 Years	15 Years	15 Years
Capacity at 25°C					
Nominal 20Hr Rate [10.8V]	(4.0A) 80Ah	(6.0A) 120Ah	(7.5A) 150Ah	(10.0A) 200Ah	250Ah
10 Hr Rate [10.8V]	(6.8A) 68Ah	(10.8A) 108Ah	(13.5A) 135Ah	(18.0A) 180Ah	216Ah
5 Hr Rate [10.5V]	(11.9A) 59.5Ah	(19.1A) 95.5Ah	(23.9A) 119.5Ah	(31.8A) 31.8 Ah	191Ah
1 Hr Rate [9.6V]	(45.8A) 45.8Ah	(69.3A) 69.3Ah	(86.6A) 86.6Ah	(115.5A) 115.5 Ah	138.2Ah
Internal Resistance at 25°C					
Full Charged	≤7.5 mΩ	≤5.0 mΩ	≤4.0 mΩ	≤3.4mΩ	≤3.0 mΩ
Ambient Temperature					
Discharge	-15°C ~45°C	-15°C ~45°C	-15°C ~45°C	-15°C ~45°C	-15°C ~45°C
Charge	-15°C ~45°C	-15°C ~45°C	-15°C ~45°C	-15°C ~45°C	-15°C ~45°C
Storage	-15°C ~45°C	-15°C ~45°C	-15°C ~45°C	-15°C ~45°C	-15°C ~45°C
Max. Discharge Current	450A(5s)	650A(5s)	800A(5s)	900A(5s)	1060A(5s)
Capacity effected by Temperature (10Hrs)					
40°C	105%	105%	105%	105%	105%
25°C	100%	100%	100%	100%	100%
0°C	85%	85%	85%	85%	85%
-15°C	65%	65%	65%	65%	65%
Self-discharge / Month at 25°C	3%	3%	3%	3%	3%
Standby use	Initial charging < 22.5A 13.6 -13.8V	Initial charging < 24A 13.6 -13.8V	Initial charging < 30A 13.6 -13.8V	Initial Charging < 40A Voltage 13.6-13.8V	Initial charging < 50A 13.6 -13.8V
Cycle use	<22.5A 14.4 -14.9V	<24A 14.4 -14.9V	<30A 14.4 -14.9V	<50A 14.4 -14.9V	<50A 14.4 -14.9V
Length x Width x Height	260 x 169 x 211 mm	407 x 174 x 210 mm	484 x 174 x 241 mm	532 x 206 x 215 mm	520 x 269 x 220 mm
Weight	25.0Kg	39.2Kg	45.5Kg	58.4Kg	70.0Kg

PERFORMANCE CHARACTERISTICS



BATTERY CONSTRUCTION

COMPONENT	POSITIVE PLATE	NEGATIVE PLATE	CONTAINER & COVER	SAFETY VALVE	TERMINAL	SEPARATOR	ELECTROLYTE	PILLAR SEAL
Features	Thick high Sn low Ca grid with special paste	Balanced Pb-Ca grid for improved recombination on efficiency	Fire resistance ABS UL94-V0	Flame Si-Rubber and aging resistance	Female copper Insert M6 (Torque 4~6Nm)	Advanced AGM separator for high pressure cell design	Dilute high purity sulphuric acid	Two layers epoxy resin seal