

Join us in the **change**



GLB 12-150 FT

(12V-150Ah)



FTG (Deep Cycle GEL) series is pure GEL battery with 15 years floating design life, it is ideal for standby or frequent cyclic discharge applications under extreme environments.

By using strong grids, high purity lead and patented Gel electrolyte, the FTG series offers excellent recovery capability after deep discharge under frequent cyclic discharge use, and can deliver 450 cycles at 100% DOD.

Suitable for solar & wind system, CATV, marine RV and deep discharge UPS, and telecommunication, etc.

GLB 12-150 FT

(12V-150Ah)



Specification

Cells per unit	6
Voltage per unit	12
Capacity	150Ah@20min-rate to 1.75V per cell @25 °C
Weight	Approx. 43.5 Kg (Tolerance±1.5%)
Internal resistance	Approx. 6.0 m Ω
Terminal	F9(M8)
Max. Discharge current	1500A (5 sec)
Design life	15 years (Float charging)
Maximum charging current	30.0 A
Reference capacity	C3 102.3.0AH C5 113.5AH C10 130.0AH C20 150.0AH
Float charging voltage	13.6 V~13.8 V @ 25°C Temperature Compensation: -3mV/°C/Cell
Cycle use voltage	14.2 V~14.4 V @ 25°C Temperature Compensation: -4mV/°C/Cell
Operating temperature range	Discharge: -40°C ~60°C Charge: -20°C ~50°C Storage: -40°C ~60°C
Normal operating temperature range	25°C ± 5°C
Self discharge	Valve Regulated Lead Acid (VRLA) batteries can be stored for more than 6 months at 25°C. Self-discharge ratio less than 3% per month at 20°C. Please charge batteries before using.
Container material	A.B.S. UL94-HB, UL94-V0 Optional.

Dimensions

Length	565±2mm (22.2 inches)
Width	110±2mm (4.33 inches)
Height	288±2mm (11.3 inches)
Total Height	288±2mm (11.3 inches)
Terminal	Value
M5	6~7 N*m
M6	8~10 N*m
M8	10~12 N*m

Unit: mm

Constant current discharge characteristics : A (25°C)

F.V/Time	15 MIN	30 MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	205.2	137.5	83.8	50.2	34.7	28.4	23.3	16.0	13.5	8.25
1.65V	201.0	136.4	83.5	49.8	34.5	28.3	23.1	15.9	13.4	7.95
1.70V	197.9	135.5	82.7	49.4	34.3	28.2	23.0	15.8	13.3	7.73
1.75V	190.6	133.4	81.9	49.0	34.1	27.9	22.7	15.6	13.2	7.50
1.80V	177.7	128.8	80.0	48.2	33.2	27.2	22.3	15.4	13.0	7.05
1.85V	161.3	121.8	76.0	46.0	31.8	25.9	21.3	14.7	12.6	6.75

Constant power discharge characteristics : WPC (25°C)

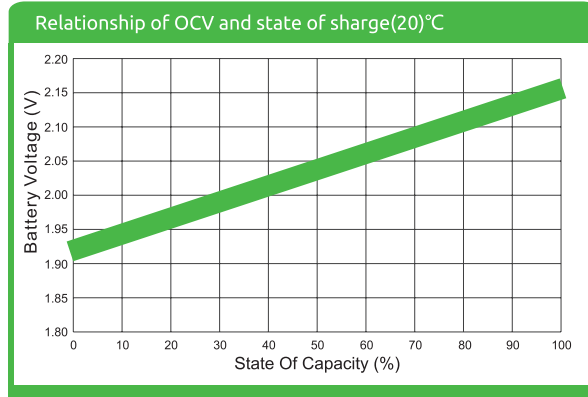
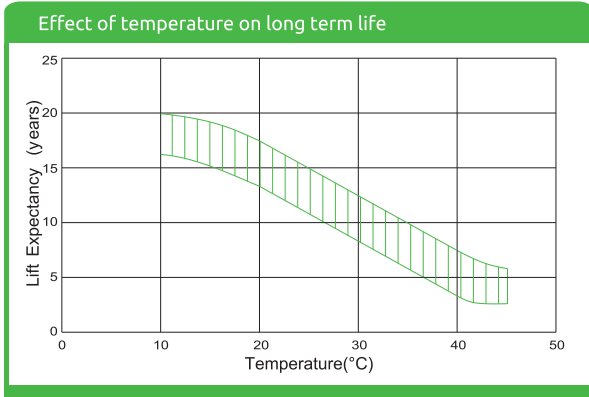
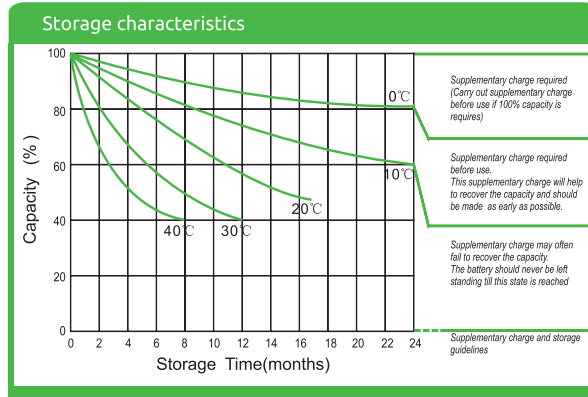
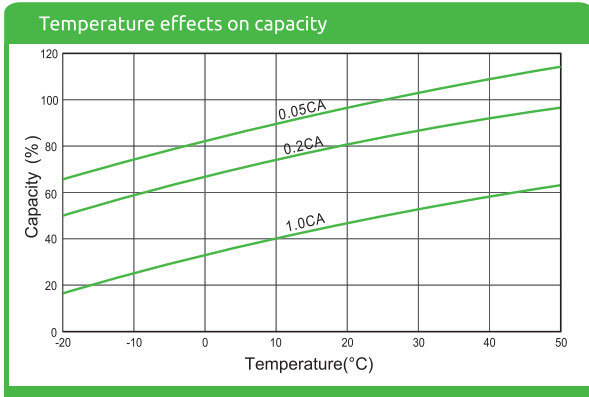
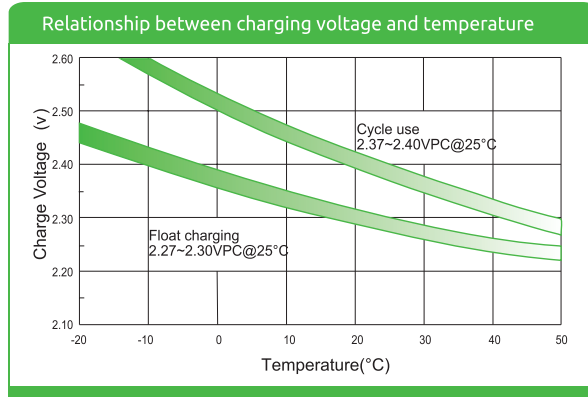
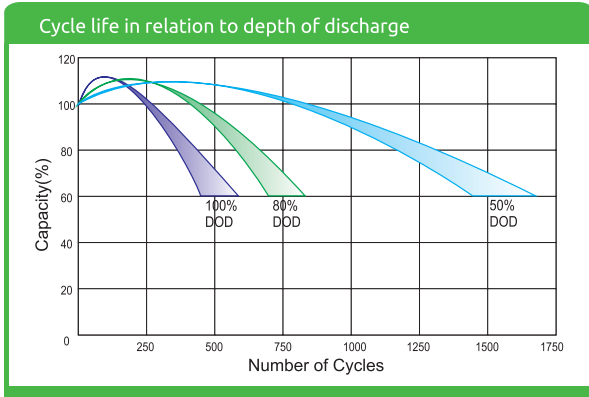
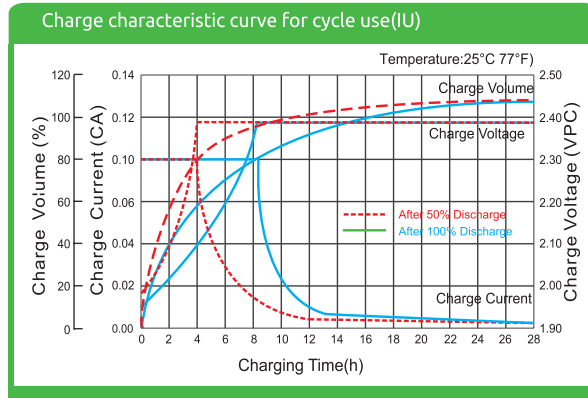
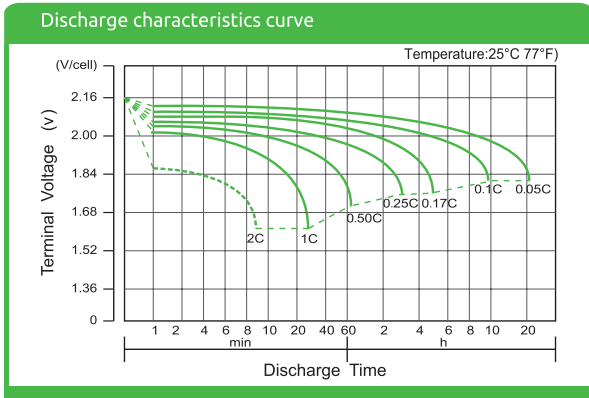
F.V/Time	15 MIN	30 MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	376	261	161	98.6	68.8	56.5	46.3	31.9	27.0	14.6
1.65V	370	258	161	98.0	68.8	56.4	46.1	31.7	26.8	14.3
1.70V	366	259	160	97.4	68.5	56.3	46.0	31.5	26.6	14.1
1.75V	353	255	158	96.7	68.2	55.7	45.4	31.3	26.3	13.8
1.80V	330	247	155	95.5	66.4	54.5	44.6	30.7	26.1	13.5
1.85V	301	234	149	92.0	63.5	51.8	42.7	29.4	25.3	12.7

(Note) The above characteristics data are average values obtained within three charge/discharge cycle not the minimum values.

Join us in The change

GLB 12-150 FT

(12V-150Ah)



(Note) The above characteristics data are average values obtained within three charge/discharge cycle not the minimum values.

Join us in The change