

GE4012FF

PN: BTVGCDTOMTCFFCNO1B
EAN: 6422956012731

Specifications

Battery Model	GE4012FF
Voltage	12V
Power (1.67V/cell@15min)	133.85W/cell
Type	Valve regulated lead-acid (VRLA), 6 cell, GEL - maintenance free
Designed Floating Life	Up to 12 years (25°C) Eurobat (20°C) : 10 - 12 years standard commercial
Nominal Operating Temp. Range	25°C ± 3°C
Terminal	T6
Construction	
Container & Cover	ABS
Safety valve	EPDR
Terminal	Copper
Internal Resistance	Full charged at 25°C ≤ 9mΩ
Self Discharge (20°C)	3% of capacity declined per month
Capacity affected by temperature	
40°C	102%
25°C	100%
0°C	85%
Charge Voltage (25°C)	
Cycle use	14.4V - 15.0V max. Current: 12A
Float use	13.6V - 13.8V
Physical	
Without Terminal	196 x 165 x 173 mm
With Terminal	196 x 165 x 173 mm
Product Weight	11.6 Kg



Completely sealed and maintenance-free



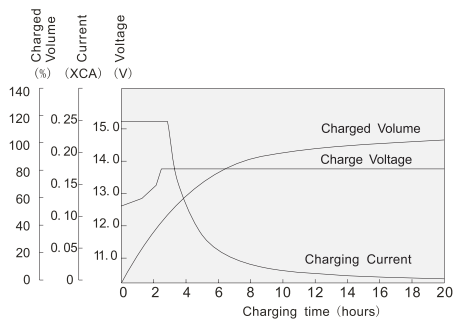
Excellent charging and re-charging



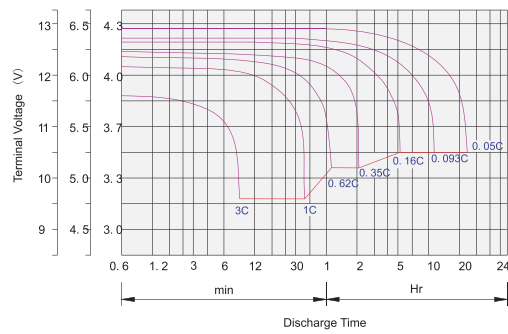
Long Life & low self-discharge design

- Gel deep cycle technology
- Excellent charging and re-charging
- Stable and reliable for long-term
- Low self-discharge
- Floating & standby use: 12 years
- More than 400 cycles at 100% DOD
- Multiple Application: Alarm and Security Systems, Cable Television, Communication Equipment, Power Tools, Control Equipment, Medical Equipment, UPS, Toys, Solar Systems

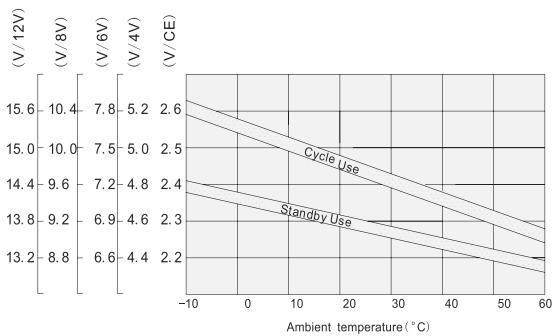
Constant voltage charging characteristic (0.25 CA, at 25°C)



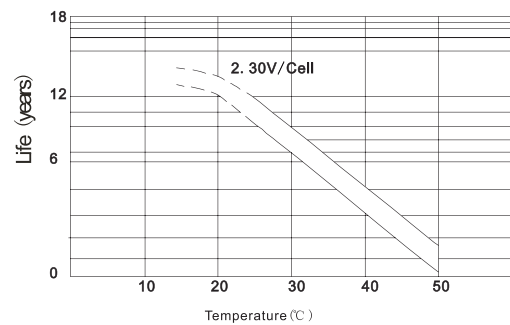
Discharge Characteristics



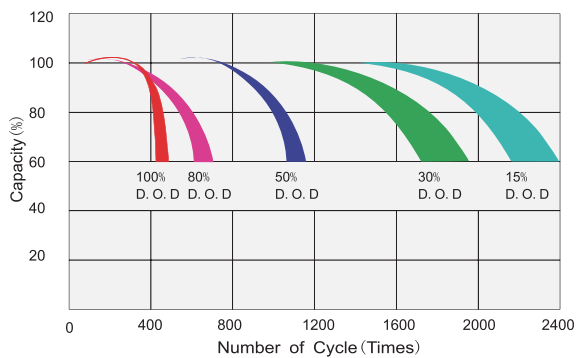
Temperature Effects in Relation to Battery Capacity



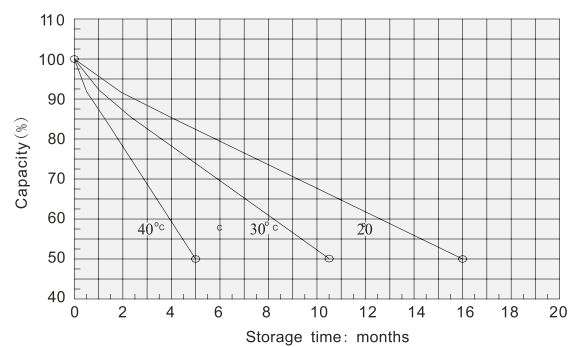
Effect of Temperature on Long Term Float Life



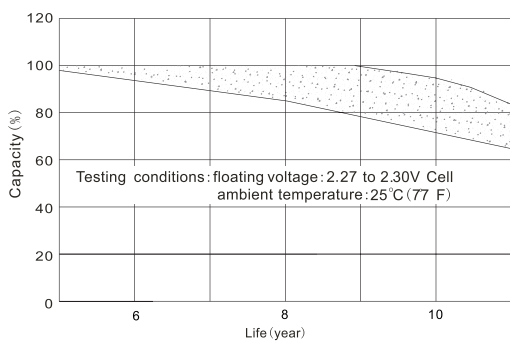
Cycle Life in Relation to Depth of Discharge



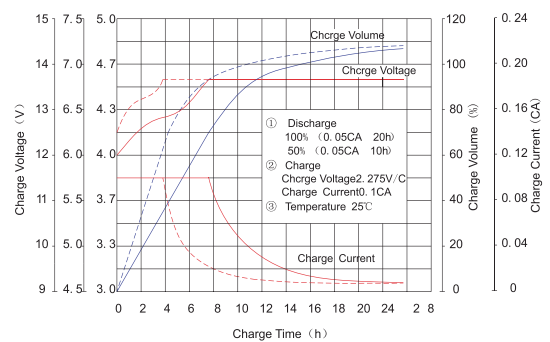
Self Discharge Characteristics



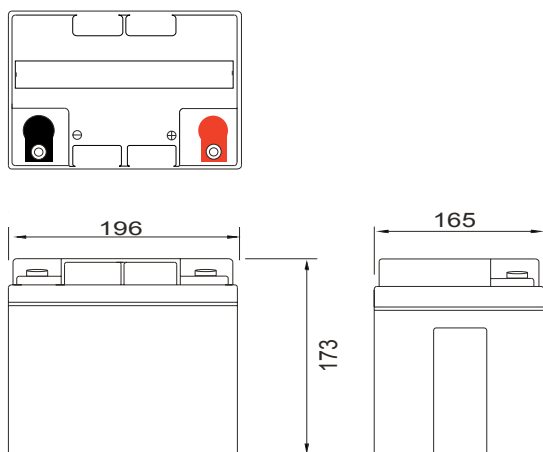
Life characteristics of standby use



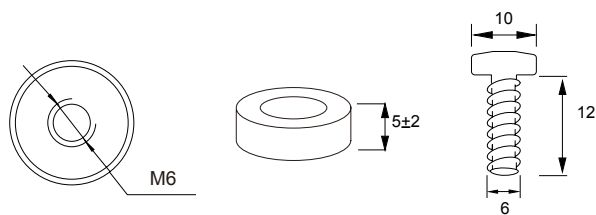
Charge characteristic Curve for standby use



Dimensions (mm)



T6 Terminal Dimensions (mm)






Constant Current Discharge Characteristics (A), 25°C

F.V/Ti	5min	10min	15min	30min	1Hr	3Hr	5Hr	10Hr	20Hr
1.80V/cell	87.118	76.328	62.088	44.252	23.130	10.345	7.099	3.935	2.031
1.75V/cell	97.509	81.834	64.746	45.267	23.304	10.400	7.119	4.000	2.100
1.70V/cell	107.739	86.961	67.594	46.079	23.652	10.466	7.157	4.034	2.134
1.67V/cell	113.813	90.188	69.303	46.485	23.826	10.492	7.158	4.086	2.192
1.60V/cell	128.200	96.644	73.100	47.500	24.000	10.548	7.825	4.151	2.308

Constant Wattage Discharge Characteristics (W), 25°C

F.V/Ti	5min	10min	15min	30min	1Hr	3Hr	5Hr	10Hr	20Hr
1.80V/cell	161.182	145.872	120.326	88.301	46.377	20.762	14.248	7.906	4.080
1.75V/cell	180.365	156.337	125.283	90.286	46.667	20.862	14.280	8.030	4.216
1.70V/cell	199.280	166.095	130.659	91.838	47.246	20.984	14.349	8.093	4.281
1.67V/cell	210.470	172.597	133.858	92.645	47.536	21.031	14.349	8.192	4.396
1.60V/cell	237.111	184.490	141.083	94.620	47.880	21.104	14.402	8.305	4.617

Logistics

	Carton Box Size	210 x 175 x 196 mm
	Pieces in the Carton Box	1 pc / ctn
	Net & Gross weight / CTN	N.W. / G.W.: 11.6 kg / 11.9 kg

