

GE4012FF

PN: BTVGCDTOABFFFCW01B
EAN: 6422956013639



Specifications

Battery Model	GE4012FF
Voltage	12V
Power (1.67V/cell@15min)	126.0W/cell
Type	Valve regulated lead-acid (VRLA), 6 cell, GEL - maintenance free
Designed Floating Life	Up to 9 years (25°C)
Nominal Operating Temp. Range	25°C ± 3°C
Terminal	T6(M6)
Construction	
Container & Cover	ABS
Safety valve	EPDR
Terminal	Copper
Internal resistance	Full charged at 25°C ≤ 11mΩ
Self Discharge (20°C)	3% of capacity declined per month
Capacity affected by temperature	
40°C	103%
25°C	100%
0°C	86%
Charge Voltage (25°C)	
Cycle use	14.4V - 15.0V max. Current: 12A
Float use	13.5V - 13.8V
Physical	
Without Terminal	197 x 165 x 172 mm
With Terminal	197 x 165 x 172 mm
Product weight	12.2kg



Completely sealed and maintenance-free



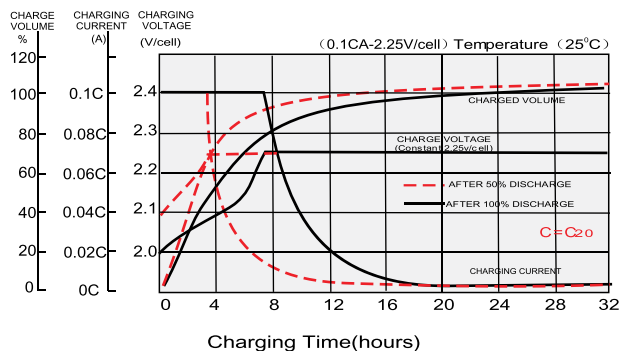
Excellent charging and re-charging



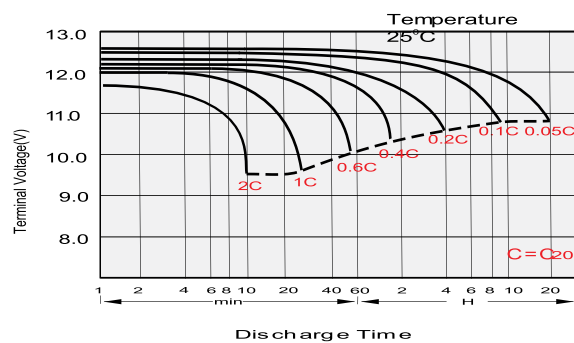
Long Life & low self-discharge design

- Gel deep cycle technology
- Excellent charging and re-charging
- Stable and reliable for long-term
- Low self-discharge
- Floating & standby use: up 9 to 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

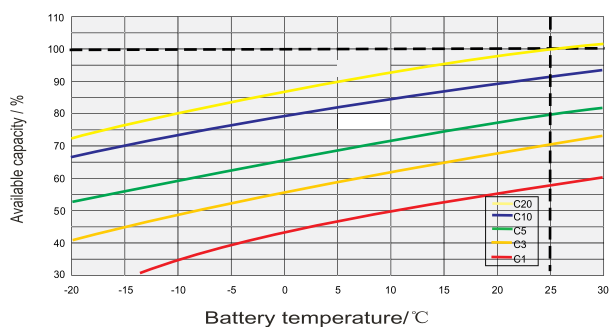
Constant voltage charging characteristic (0.25 CA, at 25° C)



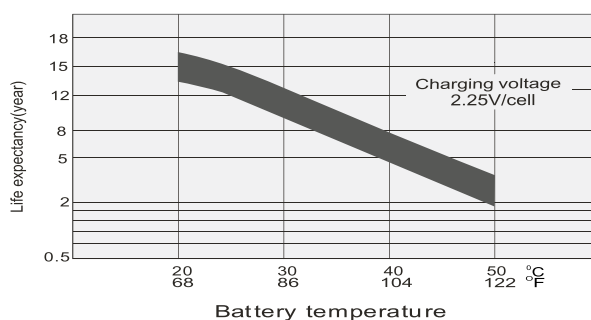
Discharge Characteristics



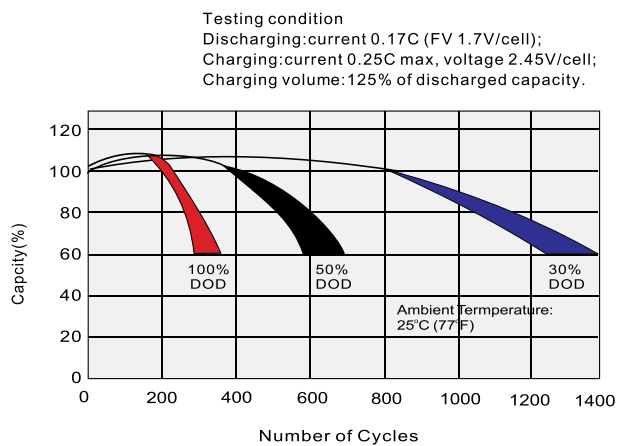
Temperature Effects in Relation to Battery Capacity



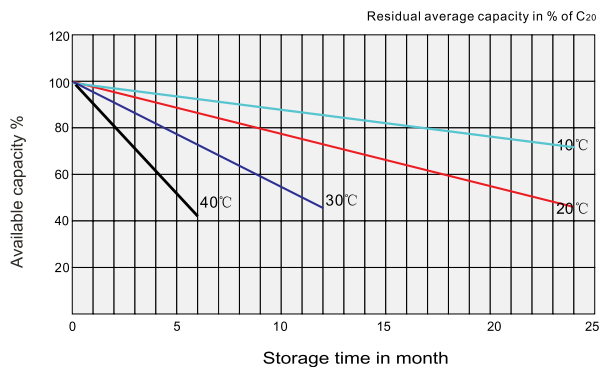
Effect of Temperature on Long Term Float Life



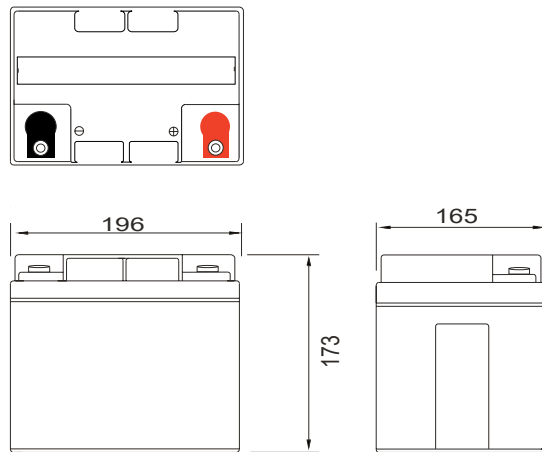
Cycle Life in Relation to Depth of Discharge



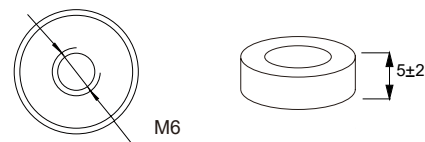
General Relation of Capacity VS. Storage Time



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	109.8	76.90	60.85	37.76	23.43	10.56	7.17	4.20	2.23
1.75V/cell	116.3	81.50	64.35	39.13	24.13	10.86	7.36	4.03	2.20
1.70V/cell	125.2	85.14	66.35	40.16	24.93	10.10	7.46	4.25	2.25
1.65V/cell	130.1	88.80	68.95	41.46	25.57	11.00	7.50	4.27	2.26
1.60V/cell	134.6	91.64	70.65	42.23	26.05	11.15	7.54	4.28	2.27



Constant Wattage Discharge Characteristics (W), 25°C

F.V/Ti	5min	10min	15min	30min	1Hr	3Hr	5Hr	10Hr	20Hr
1.80V/cell	185.0	138.5	111.0	70.50	43.33	20.66	14.13	8.35	4.45
1.75V/cell	201.9	146.6	117.2	73.16	45.85	21.16	14.56	8.40	4.48
1.70V/cell	215.0	153.3	121.3	75.00	47.33	21.33	14.66	8.46	4.51
1.65V/cell	217.2	159.8	126.0	77.33	48.5	21.50	14.76	8.50	4.52
1.60V/cell	224.7	164.8	129.2	79.10	49.33	21.66	14.85	8.51	4.53



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.: 12.2 kg / 12.6 kg

