

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
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
Internal resistance	11mΩ
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



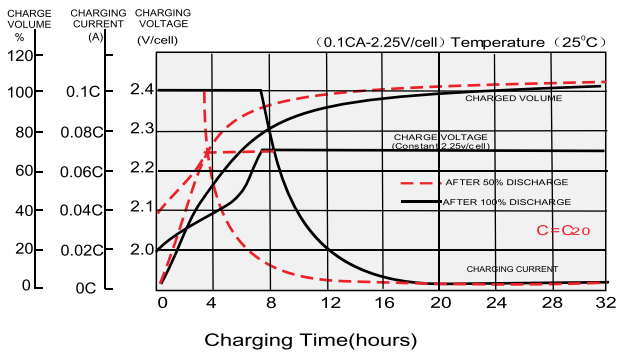
Excellent charging and re-charging



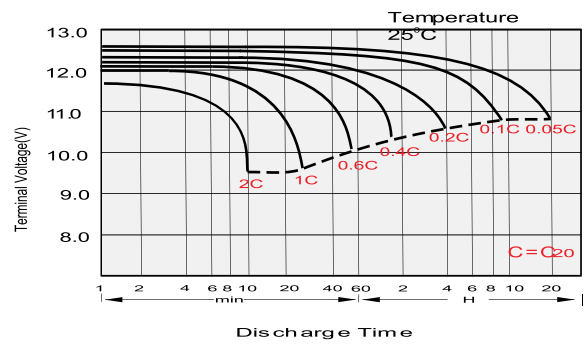
Long Life & low self-discharge design

- 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

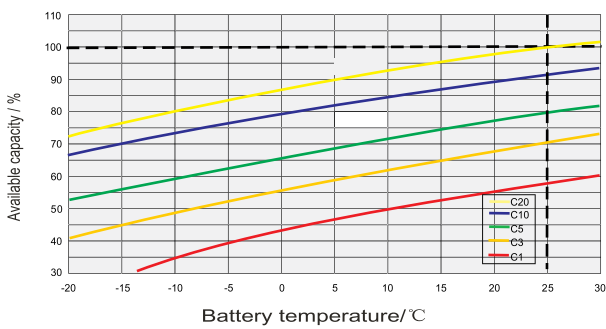
Constant voltage charging characteristic (0.25 CA, at 25° C)



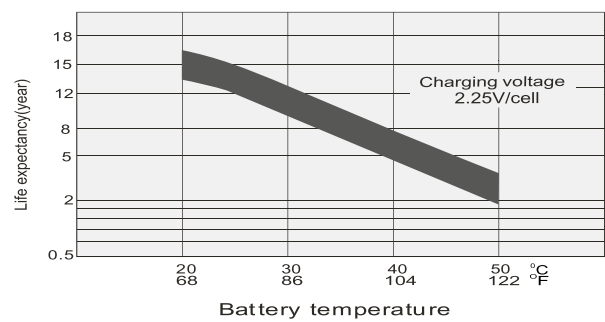
Discharge Characteristics



Temperature Effects in Relation to Battery Capacity

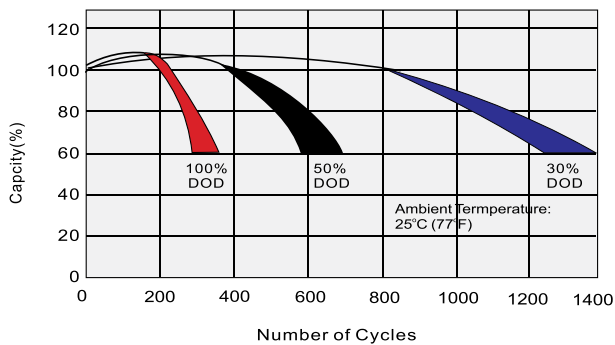


Effect of Temperature on Long Term Float Life

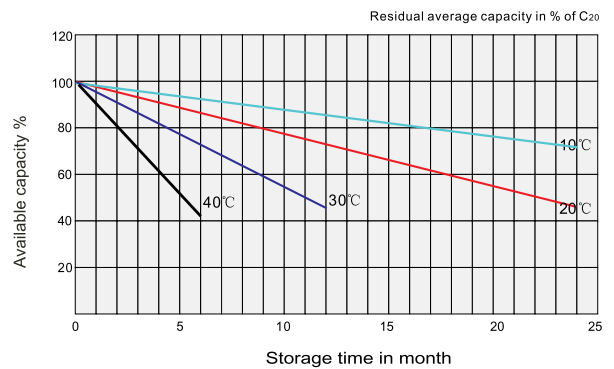


Cycle Life in Relation to Depth of Discharge

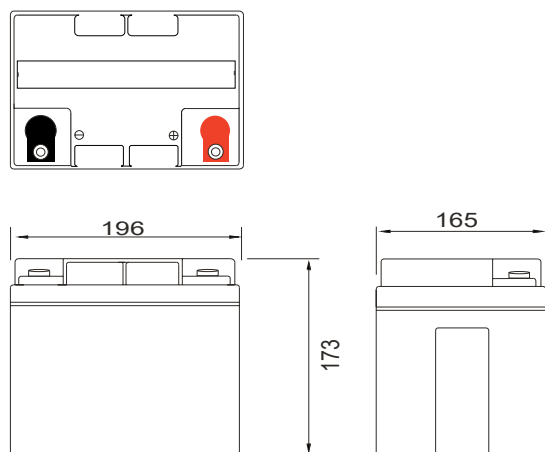
Testing condition
 Discharging: current 0.17C (FV 1.7V/cell);
 Charging: current 0.25C max, voltage 2.45V/cell;
 Charging volume: 125% of discharged capacity.



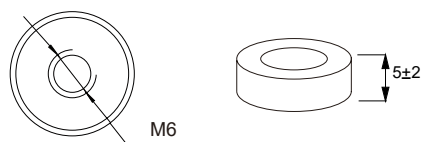
General Relation of Capacity VS. Storage Time



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

