

GP1812CF

PN: BTVACATHGTOFCFW01B
EAN: 6422956013646

Specifications

Battery Model	GP1812CF
Voltage	12V
Power (1,65V/cell@15 min)	70.2W/cell
Type	Valve regulated lead-acid (VRLA), 6 cell, absorbent glass mat (AGM) - maintenance free
Designed Floating Life	Up to 5 years (25°C)
Nominal Operating Temp. Range	25°C ± 3°C
Terminal	T3(M5)

Construction

Container & Cover	ABS
Safety valve	Rubber
Terminal	Copper
Self Discharge (20°C)	2% 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 (-30mV/°C), max. Current: 5.4A
Float use	13.5V - 13.8V (-20mV/°C)
Internal resistance	13mΩ

Physical

Without Terminal	181 x 77 x 167 mm
With Terminal	181 x 77 x 167 mm
Product Weight	5 Kg



Completely
sealed and
maintenance-free



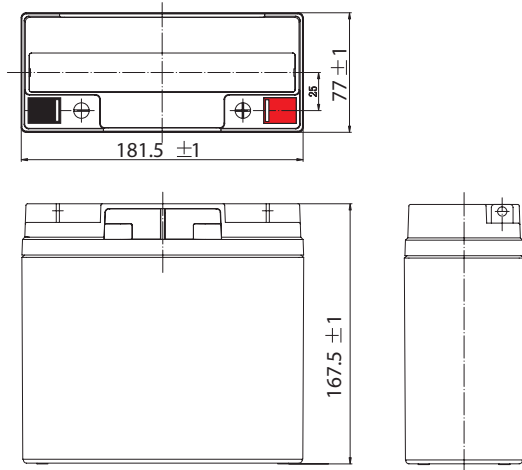
Excellent
charging and
re-charging



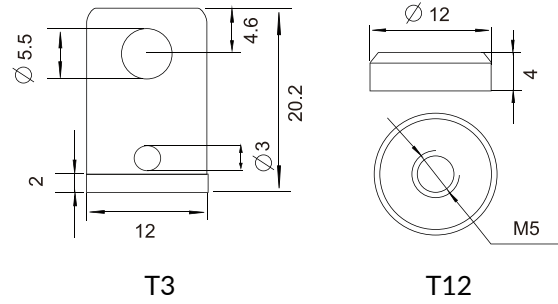
Floating &
standby use:
5 years

- Small size battery
- Excellent charging and re-charging
- Stable and reliable for long-term
- Low self-discharge
- Floating & standby use: up to 5 years
- More than 260 cycles at 100% DOD
- Multiple Application: Alarm and Security Systems, Cable Television, Communication Equipment, Power Tools, Control Equipment, Medical Equipment, UPS, Toys

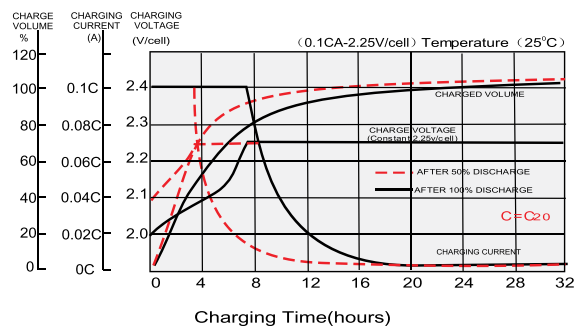
Dimensions (mm)



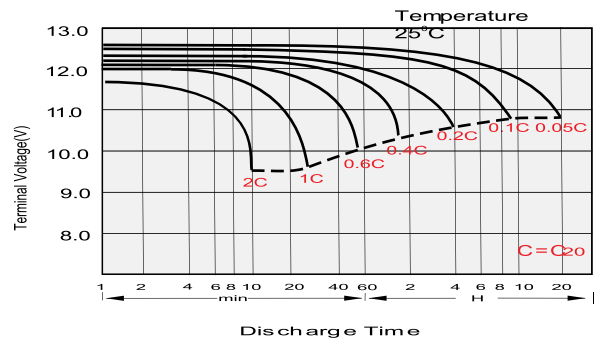
T3 Terminal Dimensions (mm)



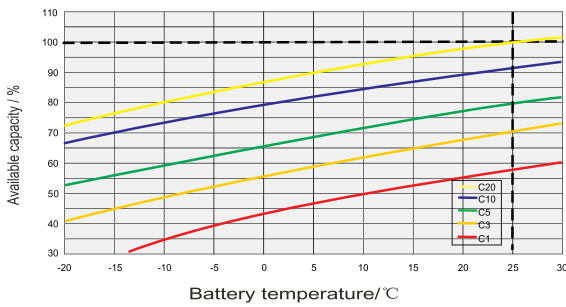
Float Charging Characteristics



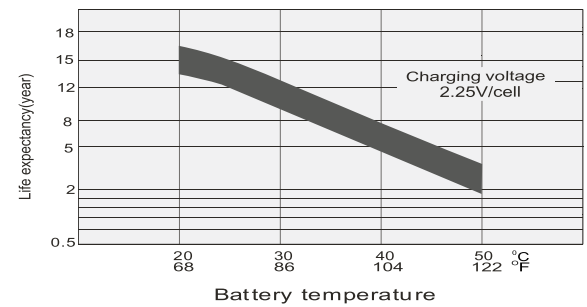
Discharge Characteristics



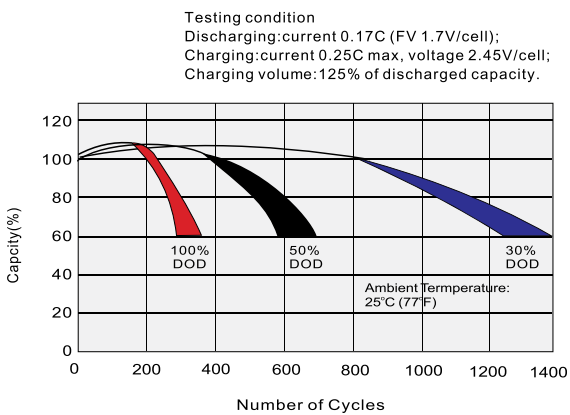
Temperature Effects in Relation to Battery Capacity



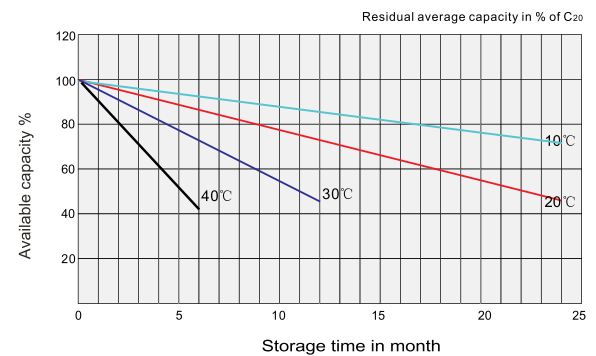
Effect of Temperature on Long Term Float Life



Cycle Life in Relation to Depth of Discharge



General Relation of Capacity VS. Storage Time





Constant Current Discharge Characteristics (A), 25°C

F.V/Ti	5min	10min	15min	30min	1Hr	2Hr	3Hr	4Hr	5Hr	8Hr	10Hr	20Hr
1.80V/cell	45.3	35.0	26.9	16.7	9.55	5.90	4.54	3.73	3.07	2.06	1.68	0.89
1.75V/cell	51.5	38.5	29.1	17.7	9.87	6.12	4.62	3.78	3.14	2.10	1.70	0.90
1.70V/cell	57.3	42.0	31.2	19.0	10.7	6.31	4.80	3.89	3.23	2.13	1.72	0.91
1.65V/cell	66.1	46.5	33.6	20.1	10.8	6.69	4.98	3.99	3.31	2.16	1.74	0.92
1.60V/cell	68.3	49.0	35.8	20.4	11.2	6.83	5.13	4.10	3.34	2.18	1.75	0.93






Constant Wattage Discharge Characteristics (W), 25°C

F.V/Ti	5min	10min	15min	30min	1Hr	2Hr	3Hr	4Hr	5Hr	8Hr	10Hr	20Hr
1.80V/cell	94.8	70.5	62.5	39.2	26.00	14.50	10.52	7.92	6.40	4.21	3.35	1.97
1.75V/cell	100.4	81.0	64.8	43.5	26.62	15.30	10.72	8.15	6.56	4.25	3.41	2.00
1.70V/cell	127.0	88.0	66.5	46.3	26.90	15.60	10.80	8.28	6.68	4.27	3.43	2.02
1.65V/cell	130.4	92.0	70.2	48.5	27.20	15.70	10.83	8.35	6.72	4.29	3.45	2.03
1.60V/cell	134.3	96.0	71.3	49.3	27.30	15.80	10.86	8.40	6.74	4.30	3.47	2.04



Logistics

	Carton Box Size	325 x 188 x 188 mm
	Pieces in the Carton Box	4 pc / ctn
	Net & Gross weight / CTN	N.W. / G.W.: 20 kg / 20.5 kg

