GP07121L

PN: BTVACFUOBTA1LCW01B
EAN: 6422956016012



Specifications

Battery Model	GP07121L
Voltage	12V
Power (1,65V/cell@15 min)	21.43W/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	T1/F1
Construction	
Container & Cover	ABS
Safety valve	Rubber
Terminal	Copper
Internal resistance	Full charged at 25°C ≤ 48mΩ
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: 1.8A.
Float use	13.5V - 13.8V (-20mV/°C)
Physical	
Without Terminal	151 x 65 x 94 mm
With Terminal	151 x 65 x 100 mm
Product Weight	1.8 Kg

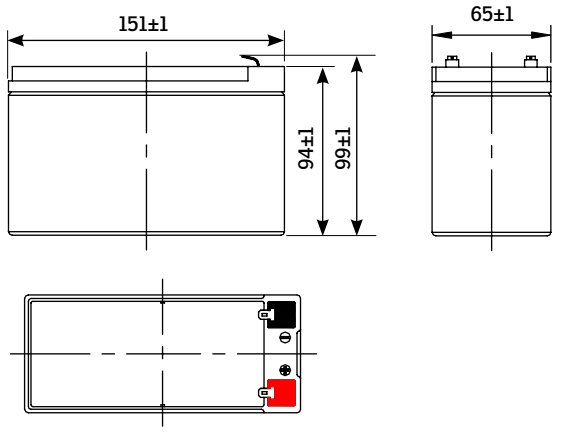
Completely sealed and maintenance-free

Excellent charging and re-charging

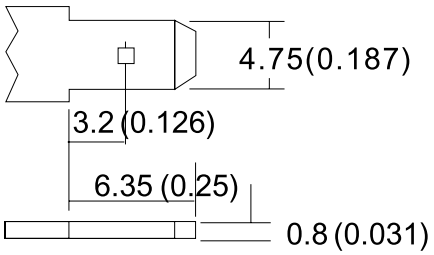
Long life, low self-discharge rate and high reliability 5 years

- 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 500 cycles at 100% DOD
- Multiple Application: Alarm and Security Systems, Cable Television, Communication Equipment, Power Tools, Control Equipment, Medical Equipment, UPS, Toys

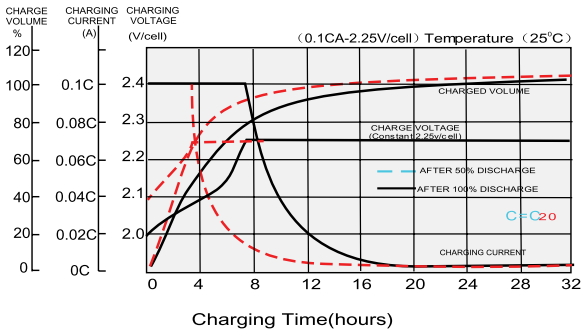
Dimensions (mm)



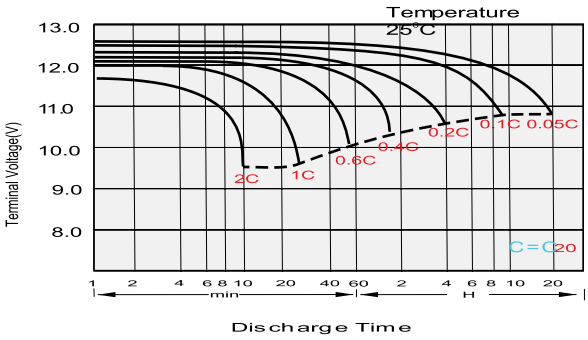
T1 (F1) Terminal Dimensions (mm)



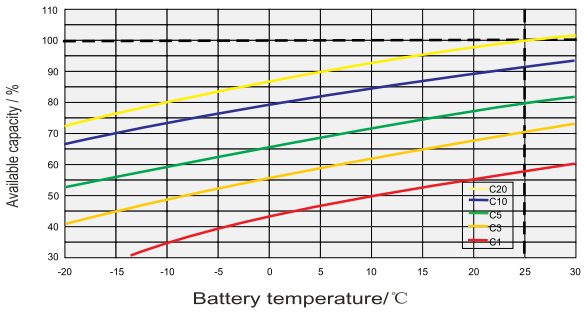
Float Charging Characteristics



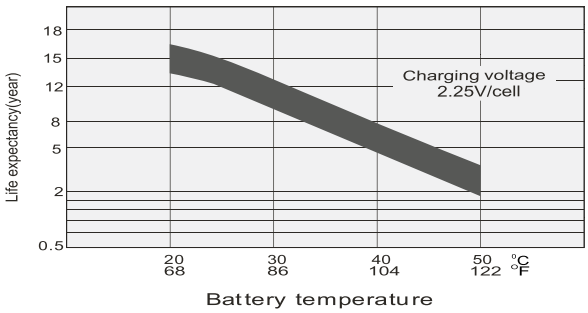
Discharge Characteristics



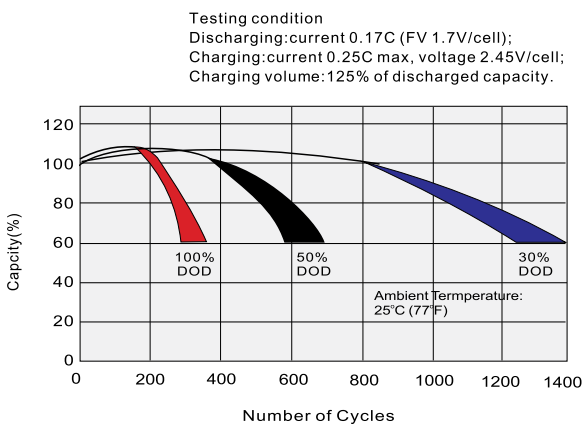
Temperature Effects in Relation to Battery Capacity



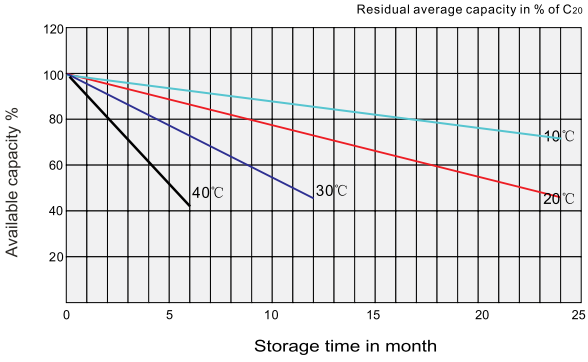
Effect of Temperature on Long Term Float Life



Cycle Life in Relation to Depth of Discharge



Self Discharge Characteristics



Constant Current Discharge Characteristics (A), 25oC

F.V/Ti	5min	10min	15min	30min	1Hr	3Hr	5Hr	10Hr	20Hr
1.80V/cell	21.64	12.25	9.62	6.38	3.05	1.50	1.03	0.557	0.290
1.75V/cell	24.97	13.77	10.50	6.50	3.28	1.52	1.04	0.565	0.300
1.70V/cell	25.64	14.69	11.01	6.57	3.46	1.54	1.04	0.568	0.300
1.65V/cell	26.02	15.15	11.28	6.62	3.66	1.56	1.05	0.572	0.305
1.60V/cell	26.13	15.38	11.51	6.66	3.85	1.59	1.06	0.580	0.310

Constant Wattage Discharge Characteristics (W), 25oC

F.V/Ti	5min	10min	15min	30min	1Hr	3Hr	5Hr	10Hr	20Hr
1.80V/cell	22.69	22.61	18.51	12.02	7.71	3.48	2.24	1.24	0.612
1.75V/cell	28.59	25.61	20.11	12.41	7.91	3.54	2.28	1.25	0.612
1.70V/cell	33.71	27.32	21.00	12.93	8.09	3.56	2.30	1.26	0.602
1.65V/cell	38.15	28.17	21.43	13.20	8.18	3.59	2.32	1.27	0.654
1.60V/cell	42.16	28.61	21.71	13.32	8.22	3.61	2.33	1.28	0.658

Logistics

Carton Box Size	346 x 160 x 121 mm
Pieces in the Carton Box	5 pcs / ctn
Net & Gross weight / CTN	N.W. / G.W.: 9 kg / 9.15 kg

Certificates

RoHS 2011/65/EU CE