

GE15012KF

PN: BTVGCLTODEEKFCW01B
EAN: 6422956013431

Specifications

Battery Model	GE15012KF
Voltage	12V
Power (1.65V/cell@15min)	455W/cel
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	T11 (M8 bolt)
Construction	
Container & Cover	ABS
Safety valve	EPDR
Terminal	Copper
Internal resistance	Full charged at 25°C ≤ 4.5mΩ
Self Discharge (25°C)	after 3 month storage 92% after 6 month storage 84%
Capacity affected by temperature	
40°C	103%
25°C	100%
0°C	90%
Charge Voltage (25°C)	
Cycle use	13.5V~13.8V max. Current: 45A
Float use	13.5V~13.8V
Physical	
Without Terminal	485 x 170 x 240 mm
With Terminal	485 x 170 x 240 mm
Product Weight	42.7kg



Completely sealed and maintenance-free



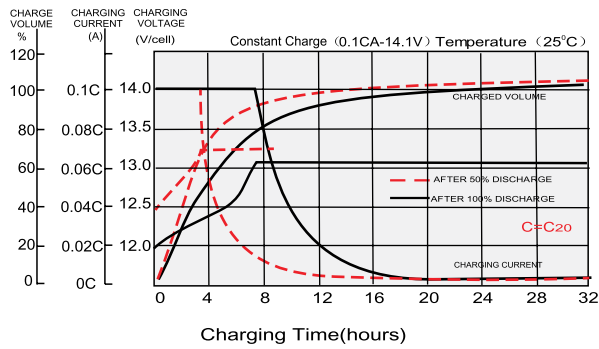
Excellent charging and re-charging



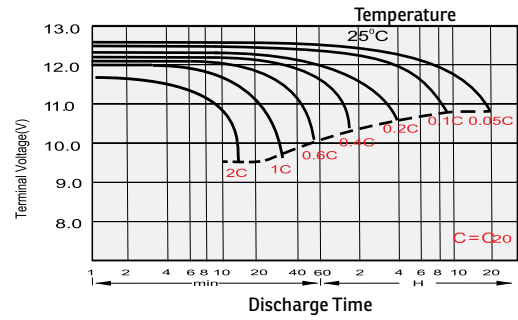
Long Life & low self-discharge design

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

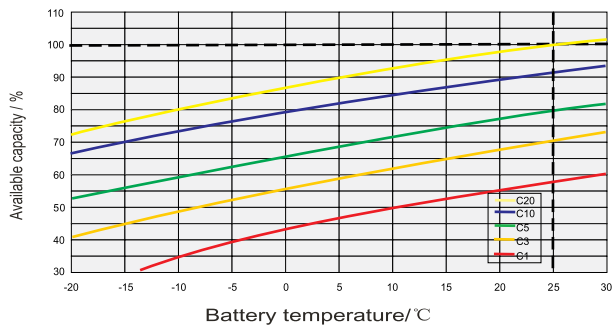
Constant voltage charging characteristic (0.25 CA, at 25°C)



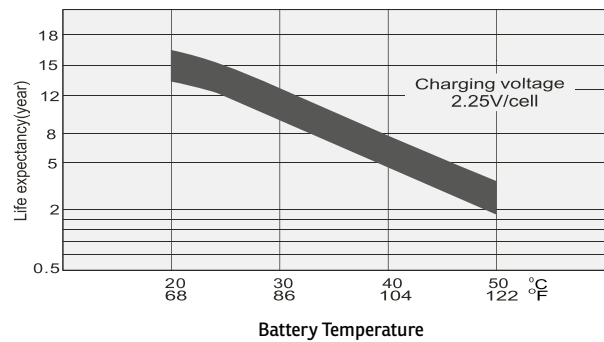
Discharge Characteristics



Temperature Effects in Relation to Battery Capacity

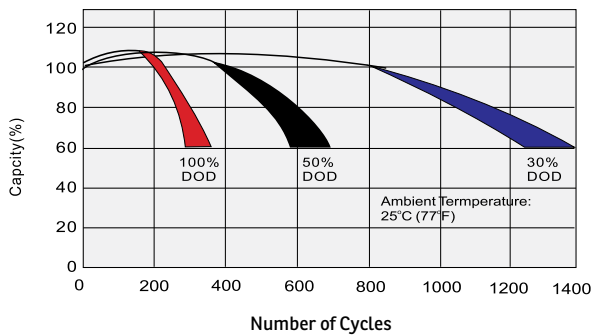


Effect of Temperature on Long Term Float Life

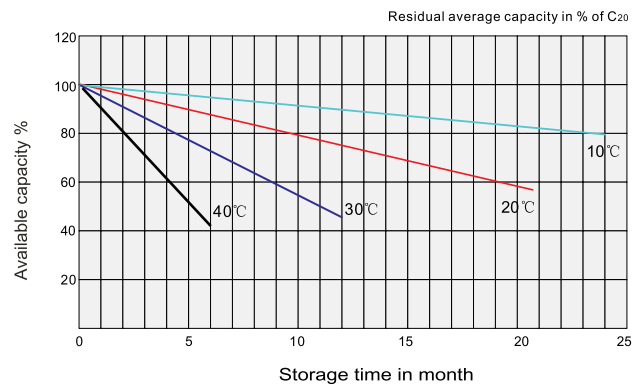


Cycle Life in Relation to Depth of Discharge

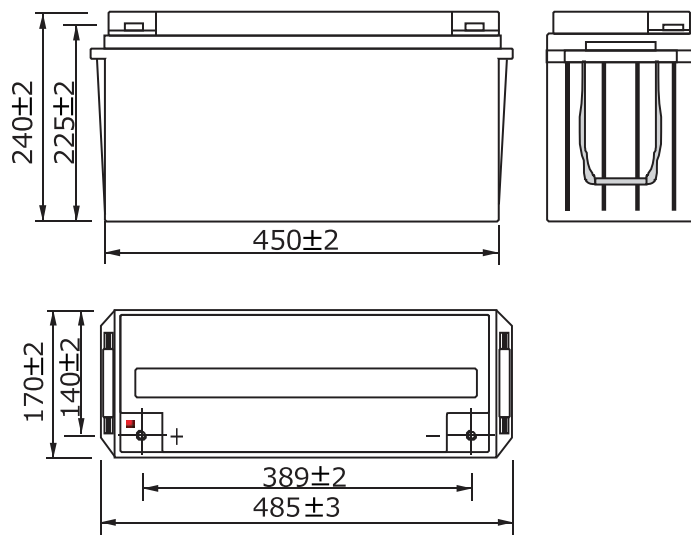
Testing condition
Discharging: current 0.17C (FV 1.7V/cell);
Charging: current 0.25C max, voltage 2.45V/cell;
Charging volume: 125% of discharged capacity.



Self Discharge Characteristics



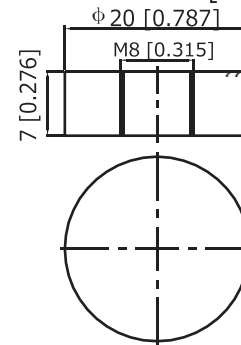
Dimensions (mm)



T11(M8) Terminal Dimensions (mm)

T11/M8 Terminal

Unit: mm [inches]



Constant Current Discharge Characteristics (A), 25°C

F.V/Ti	15min	30min	60min	2Hr	3Hr	5Hr	8h	10Hr	20Hr
1.80V/cell	220	135	86.0	51.3	40.7	26.1	17.3	15.0	7.88
1.75V/cell	228	138	87.0	52.7	41.5	26.4	17.7	15.2	7.95
1.70V/cell	239	147	90.0	55.8	42.0	26.8	18.0	15.3	8.03
1.65V/cell	247	151	92.0	56.8	42.7	27.2	18.4	15.5	8.13
1.60V/cell	259	155	93.5	58.2	43.6	27.6	18.7	15.7	8.23



Constant Wattage Discharge Characteristics (W), 25°C

F.V/Ti	15min	30min	60min	2Hr	3Hr	5Hr	8h	10Hr	20Hr
1.80V/cell	400	255	155	107	79.4	48.2	35.0	38.4	15.7
1.75V/cell	420	257	165	108	80.0	50.0	35.7	38.8	15.8
1.70V/cell	437	263	170	109	81.0	53.4	36.2	39.2	15.9
1.65V/cell	455	278	175	111	82.3	54.8	36.6	39.6	16.1
1.60V/cell	465	282	178	114	82.6	55.3	37.0	40.0	16.3



Logistics

Carton Box Size	492 x 180 x 277 mm
Pieces in the Carton Box	1 pc / ctn
Net & Gross weight / CTN	N.W. / G.W.: 42.7 kg / 43.2 kg

