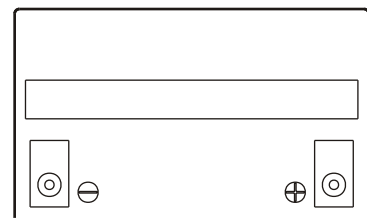
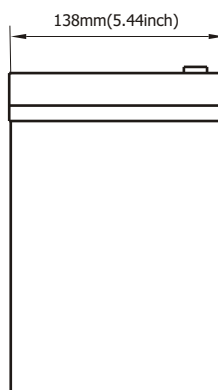
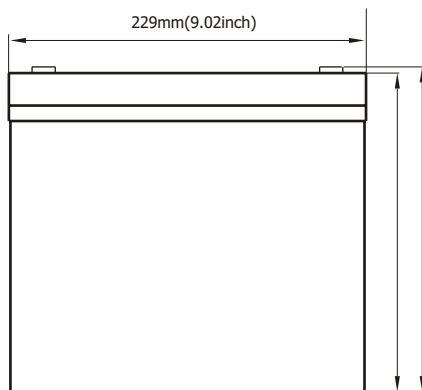


**Terminal Dimensions**



### General Series

General Series Valve Regulated Lead Acid batteries are designed with AGM (Absorbent Glass Mat) technology, high performance plates and electrolyte to gain extra power output for common power backup system applications widely used in the field of UPS, Emergency Lighting System.

### Application

- Alarm System
- Cable Television
- Communication Equipment
- Control Equipment
- Security System
- Medical Equipment
- UPS
- Power tools
- Emergency Power System
- Toys

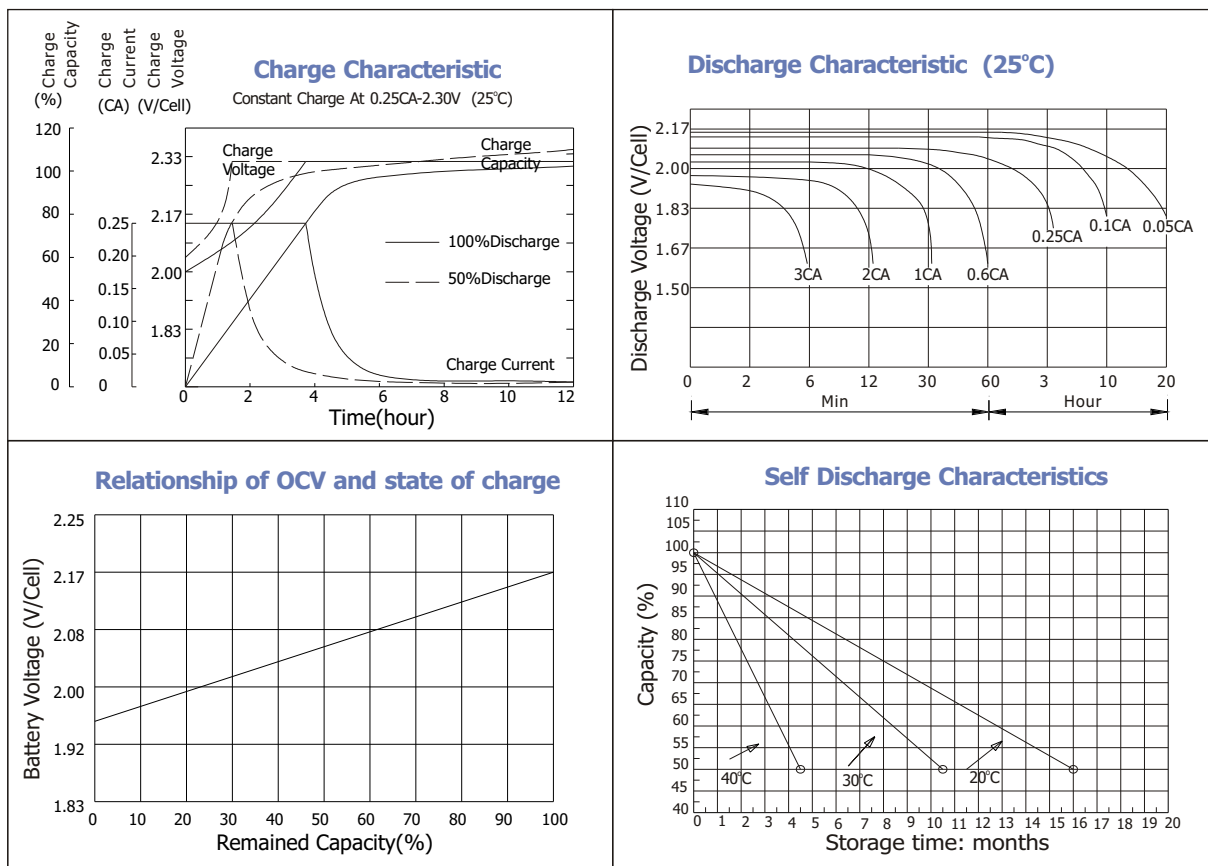
### General Features

- Sealed and maintenance free operation.
- Non-Spillable construction design.
- ABS containers and covers(UL94HB, UL94V-0) optional.
- Safety valve installation for explosion proof.
- High quality and high reliability.
- Exceptional deep discharge recovery performance.
- Low self discharge characteristic.
- Flexibility design for multiple install positions.

### Construction

- Component .....Raw material
- Positive .....Lead dioxide
- Negative .....Lead
- Container .....ABS
- Cover .....ABS
- Sealant .....Epoxy Resin
- Safety valve .....EPDR
- Terminal .....Copper
- Separator .....Fiber glass
- Electrolyte .....Sulfuric acid

Battery Model	HC12-55			
Designed Floating Life	8 Years			
Capacity(25°C)	20HR(2.85A,1.75V)	10HR(5.5A,1.75V)	5HR(9.2A,1.75V)	1HR(33A,1.75V)
	57AH	55AH	46AH	33AH
Dimensions	Length	Width	Height	Total Height
	229mm(9.02inch)	138mm(5.44inch)	206mm(8.12inch)	210mm(8.27inch)
Approx. Weight	17.16Kg (37.83 lbs)			
Internal Resistance	Full charged at 25°C: 0.0063 Ω			
Self Discharge	3% of capacity declined per month at (25°C)			
Capacity Affected by Temp.(20HR)	40°C	25°C	0°C	-15°C
	102%	100%	85%	65%
Charge Voltage(25°C)	Cycle use		Float use	
	14.4-15V(-30mV/ °C), max. Current: 13A		13.6-13.8V(-20mV/ °C)	



### Constant current discharge ratings-amperes at 25°C - (Valores medios después de 5 ciclos)

F. V/Time	5MIN	10MIN	15MIN	30MIN	1H	3H	5H	10H	20H
1.60V	187	122	94.5	56.7	34.7	14.3	9.36	5.56	2.91
1.67V	170	118	91.8	55.1	34.6	14.3	9.32	5.54	2.89
1.70V	155	114	88.6	54.0	33.5	14.3	9.28	5.52	2.87
1.75V	144	105	83.7	52.9	33.0	14.2	9.20	5.50	2.85
1.80V	130	97.7	79.9	51.3	32.5	14.1	8.85	5.40	2.72
1.85V	98.3	80.5	69.1	47.2	32.1	14.1	8.78	5.31	2.56

### Constant power discharge ratings-watts at 25°C - (Valores medios después de 5 ciclos)

F. V/Time	5MIN	10MIN	15MIN	30MIN	1H	3H	5H	10H	20H
1.60V	303	209	163	104	68.3	27.5	19.2	11.0	5.53
1.67V	287	206	161	102	66.0	27.5	19.2	10.9	5.51
1.70V	268	201	159	99.2	64.3	27.5	19.2	10.8	5.51
1.75V	250	188	149	96.6	63.7	27.1	19.0	10.6	5.49
1.80V	224	175	140	94.0	62.6	26.7	18.6	10.4	5.29
1.85V	180	145	122	86.1	62.0	26.6	18.4	10.2	4.98

