

General Series SLA Battery

**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

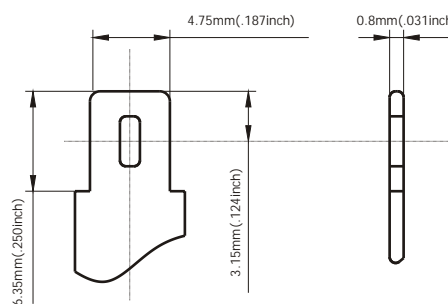


**General Features**

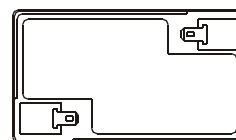
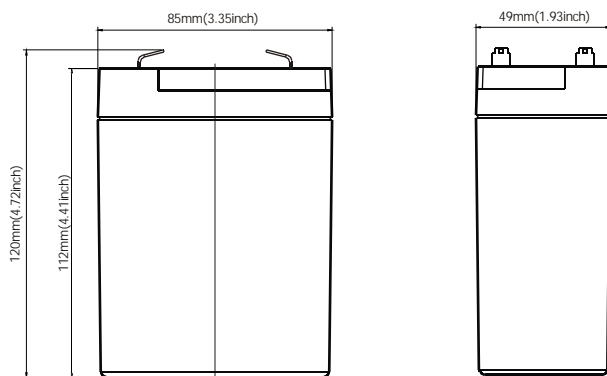
- Sealed and maintenance free operation.
- Non-Spillable construction design.
- ABS containers and covers(UL94HB, UL94V-0) optional.
- Safety valve installation for explosion proof.
- High quality and high reliability.
- Exceptional deep discharge recovery performance.
- Low self discharge characteristic.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

**Construction**

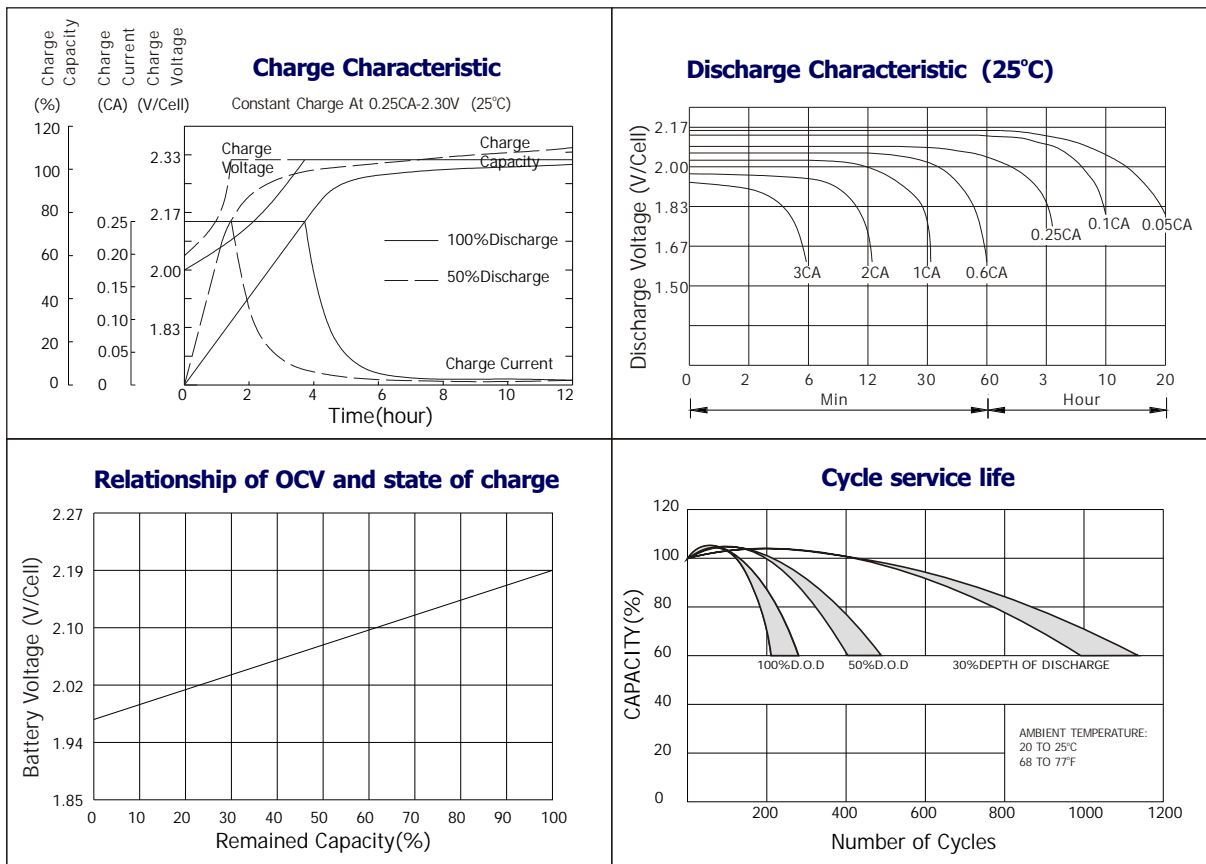
- Component .....Raw material
- Positive .....Lead dioxide
- Negative .....Lead
- Container .....ABS
- Cover .....ABS
- Sealant .....Epoxy Resin
- Safety valve .....EPDR
- Terminal .....Copper
- Separator .....Fiber glass
- Electrolyte .....Sulfuric acid



**Terminal Dimensions**



Battery Model	GB6-6			
Designed Floating Life	5 Years			
Capacity(25°C)	20HR(0.3A,1.75V)	10HR(0.57A,1.75V)	5HR(1.02A,1.75V)	1HR(3.9A,1.75V)
	6AH	5.7AH	5.1AH	3.9AH
Dimensions	Length	Width	Height	Total Height
	85mm(3.35inch)	49mm(1.93inch)	112mm(4.41inch)	120mm(4.72inch)
Approx. Weight	1.05Kg (2.32 lbs)			
Internal Resistance	Full charged at 25°C: 0.02 Ohm			
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	
	7.2-7.5V(-15mV/ °C), max. Current: 1.8A		6.8-6.9V(-10mV/ °C)	



**Constant current discharge ratings-amperes at 25°C**

F. V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	23.1	14.4	10.9	6.62	4.21	1.85	1.13	0.65	0.33
1.67V	21.7	13.7	10.5	6.34	4.16	1.78	1.11	0.64	0.32
1.70V	19.9	13.2	10.2	5.76	4.03	1.66	1.08	0.63	0.32
1.75V	19.5	12.8	9.88	5.47	3.84	1.60	1.06	0.62	0.31
1.80V	17.5	12.2	8.97	5.07	3.59	1.54	1.00	0.61	0.31
1.85V	15.4	11.6	8.06	4.67	3.35	1.49	0.93	0.60	0.30

**Constant power discharge ratings-watts at 25°C**

F. V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	40.6	26.0	19.8	11.9	7.60	3.28	1.91	1.26	0.66
1.67V	39.2	25.3	19.6	11.7	7.55	3.18	1.90	1.26	0.64
1.70V	36.9	25.1	19.4	10.9	7.41	3.03	1.88	1.25	0.63
1.75V	37.1	25.0	19.3	10.6	7.28	2.96	1.86	1.23	0.62
1.80V	34.0	24.6	17.9	10.1	6.87	2.88	1.80	1.22	0.61
1.85V	30.8	23.4	16.2	9.48	6.45	2.79	1.74	1.20	0.60

