

## 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

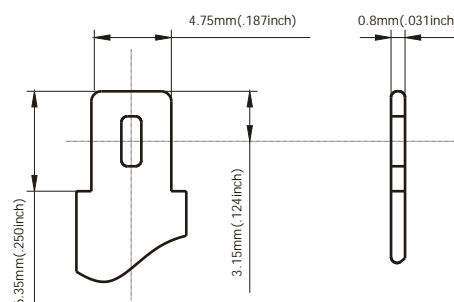
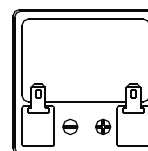
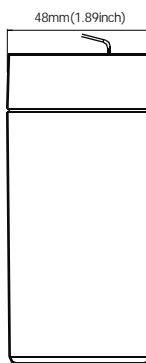
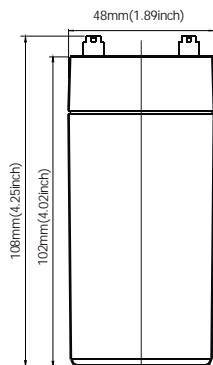
**General Features**

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**

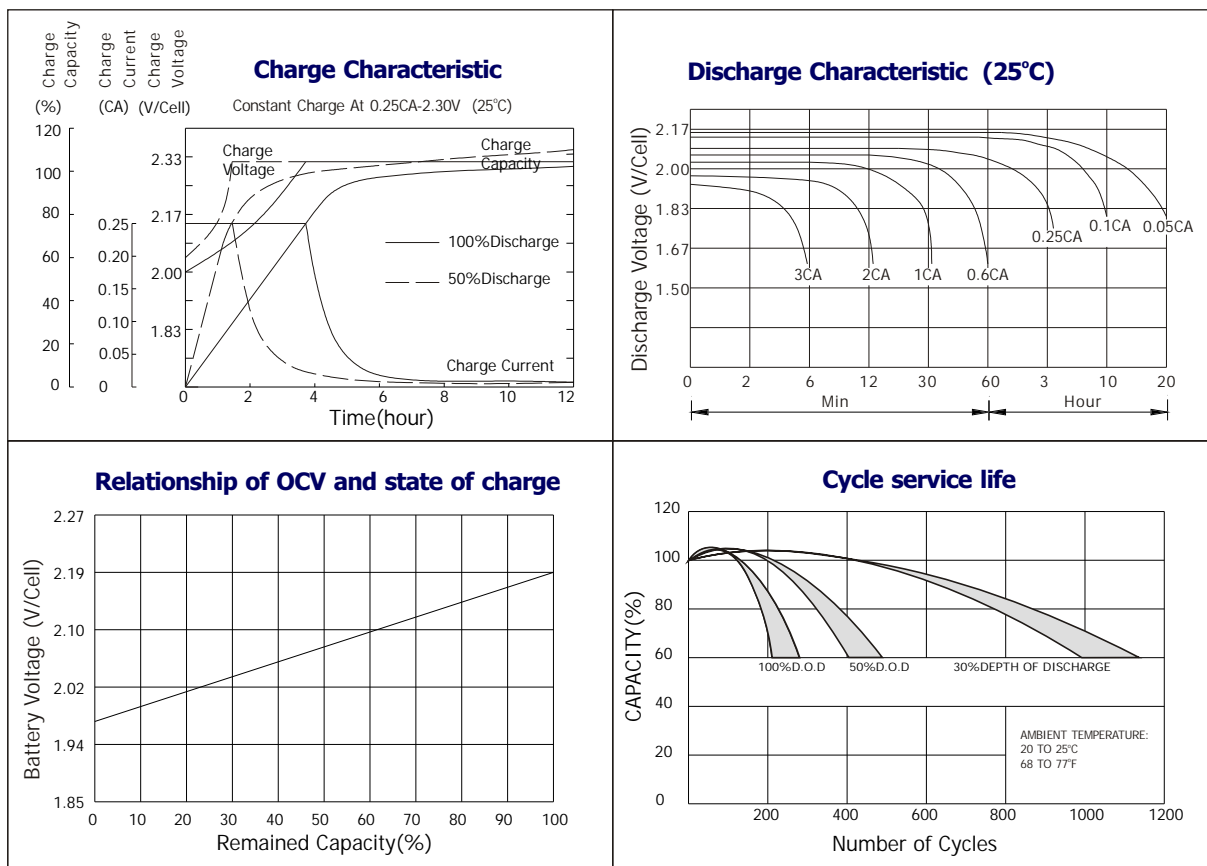
Component .....Raw material  
Positive .....Lead dioxide  
Negative .....Lead  
Container .....ABS  
Cover .....ABS

Sealant .....Epoxy Resin  
Safety valve .....EPDR  
Terminal .....Copper  
Separator .....Fiber glass  
Electrolyte .....Sulfuric acid

**Terminal Dimensions**

Battery Model	GB4-4			
Designed Floating Life	5 Years			
Capacity(25°C)	20HR(0.2A,1.75V)	10HR(0.38A,1.75V)	5HR(0.68A,1.75V)	1HR(2.65A,1.75V)
	4.0AH	3.8AH	3.4AH	2.65AH
Dimensions	Length	Width	Height	Total Height
	47.5mm(1.87inch)	47.5mm(1.87inch)	101mm(3.98inch)	107mm(4.21inch)
Approx. Weight	0.52Kg (1.15lbs)			
Internal Resistance	Full charged at 25°C: 0.012 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	
	4.8-5.0V(-10mV/ °C), max. Current:1.2A		4.54-4.6V(-6mV/ °C)	

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

F. V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	15.6	9.7	7.33	4.47	2.84	1.25	0.76	0.43	0.22
1.67V	14.7	9.2	7.06	4.28	2.81	1.20	0.75	0.42	0.22
1.70V	13.4	8.9	6.89	3.89	2.72	1.12	0.73	0.42	0.21
1.75V	13.2	8.6	6.67	3.69	2.59	1.08	0.71	0.42	0.21
1.80V	11.8	8.2	6.06	3.42	2.43	1.04	0.67	0.41	0.20
1.85V	10.4	7.8	5.44	3.15	2.26	1.00	0.63	0.40	0.20

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

F. V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	27.4	17.6	13.4	8.06	5.13	2.21	1.29	0.85	0.45
1.67V	26.5	17.1	13.2	7.89	5.10	2.14	1.28	0.85	0.43
1.70V	24.9	16.9	13.1	7.39	5.00	2.05	1.27	0.84	0.43
1.75V	25.1	16.9	13.0	7.17	4.92	2.00	1.26	0.83	0.42
1.80V	22.9	16.6	12.1	6.83	4.63	1.94	1.22	0.82	0.41
1.85V	20.8	15.8	10.9	6.40	4.36	1.88	1.18	0.81	0.39

