

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

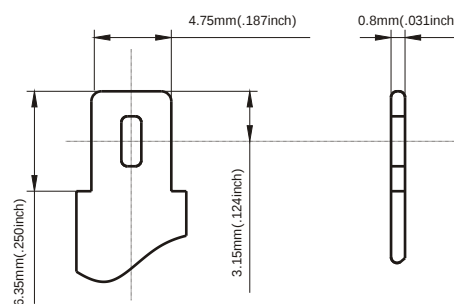
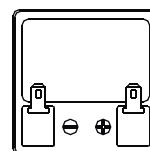
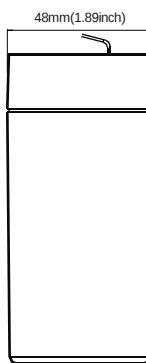
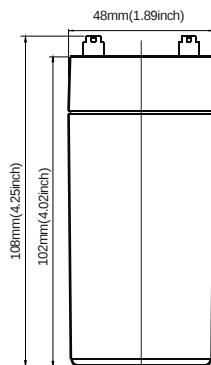
General Features

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

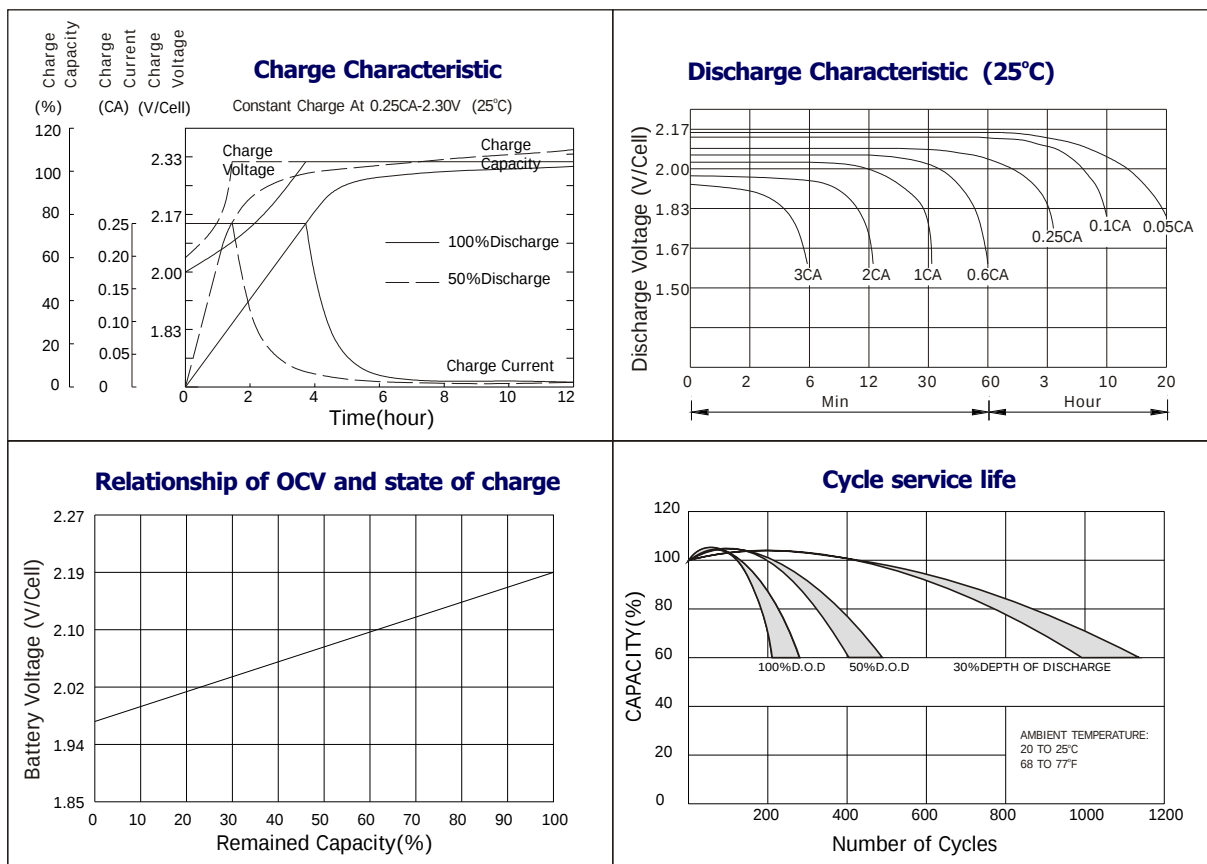
ComponentRaw material
PositiveLead dioxide
NegativeLead
ContainerABS
CoverABS

SealantEpoxy Resin
Safety valveEPDR
TerminalCopper
SeparatorFiber glass
ElectrolyteSulfuric 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)	

General Series SLA Battery



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

