

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

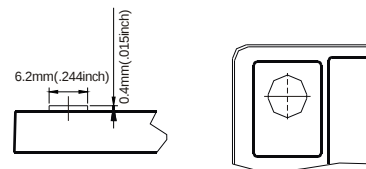
Alarm System
Cable Television
Communication Equipment
Control Equipment
Security System

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.

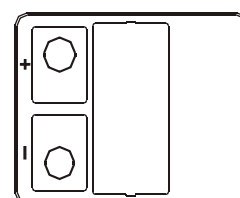
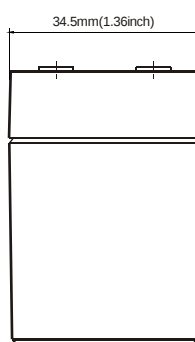
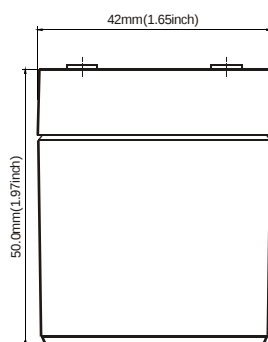


Construction

ComponentRaw material
PositiveLead dioxide
NegativeLead
ContainerABS
CoverABS

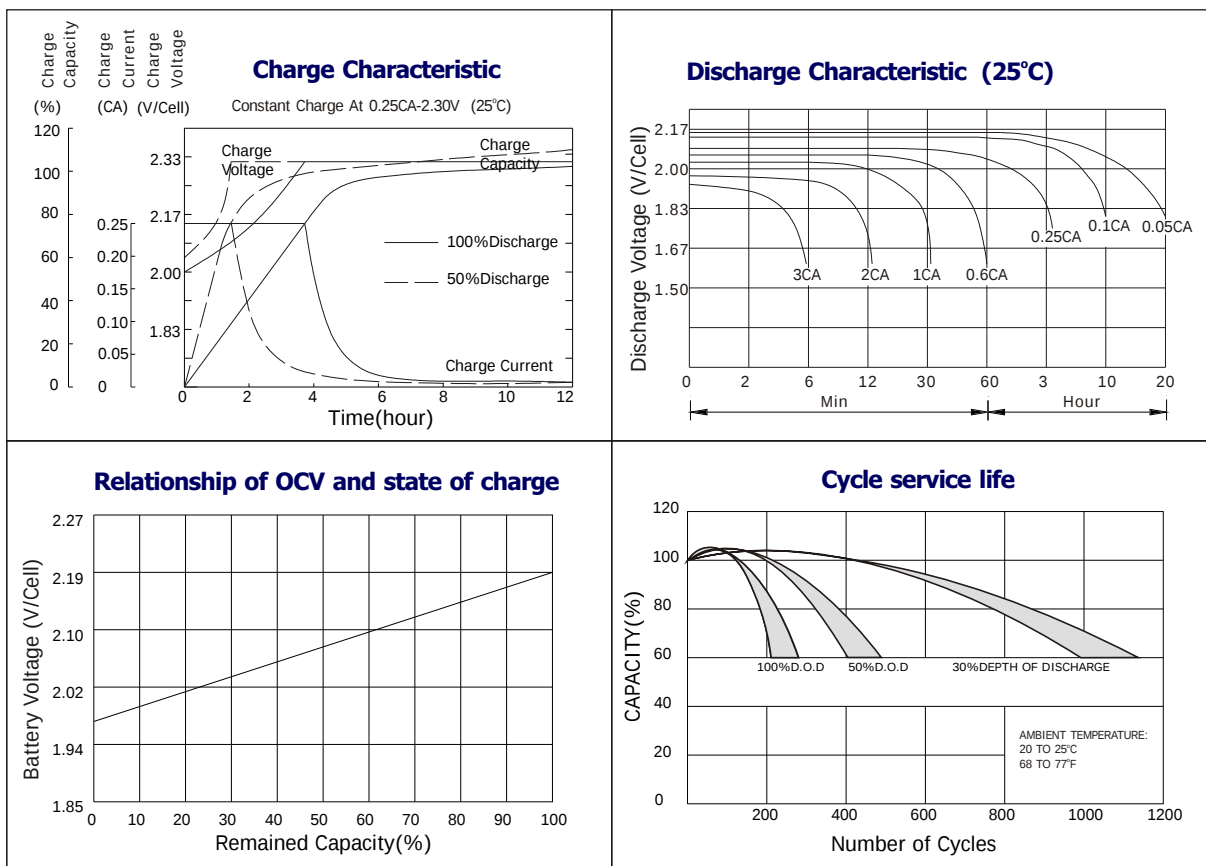
SealantEpoxy Resin
Safety valveEPDR
TerminalCopper
SeparatorFiber glass
ElectrolyteSulfuric acid

Terminal Dimensions



Battery Model	GB4-1			
Designed Floating Life	5 Years			
Capacity(25°C)	20HR(0.05A,1.75V)	10HR(0.09A,1.75V)	5HR(0.16A,1.75V)	1HR(0.6A,1.75V)
	1.0AH	0.9AH	0.8AH	0.6AH
Dimensions	Length	Width	Height	Total Height
	42mm(1.65inch)	34.5mm(1.36inch)	50mm(1.97inch)	50.4mm(1.98inch)
Approx. Weight	0.18Kg (0.40 lbs)			
Internal Resistance	Full charged at 25°C: 0.025 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: 0.3A		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	3.91	2.43	1.83	1.12	0.71	0.31	0.19	0.11	0.06
1.67V	3.67	2.31	1.76	1.07	0.70	0.30	0.19	0.11	0.05
1.70V	3.36	2.22	1.72	0.97	0.68	0.28	0.18	0.11	0.05
1.75V	3.29	2.15	1.67	0.92	0.65	0.27	0.18	0.10	0.05
1.80V	2.95	2.06	1.51	0.86	0.61	0.26	0.17	0.10	0.05
1.85V	2.60	1.96	1.36	0.79	0.57	0.25	0.16	0.10	0.05

Constant power discharge ratings-watts at 25°C

F. V/Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	6.85	4.39	3.35	2.01	1.28	0.55	0.32	0.21	0.11
1.67V	6.61	4.28	3.31	1.97	1.27	0.54	0.32	0.21	0.11
1.70V	6.23	4.24	3.28	1.85	1.25	0.51	0.32	0.21	0.11
1.75V	6.27	4.22	3.25	1.79	1.23	0.50	0.31	0.21	0.10
1.80V	5.73	4.16	3.01	1.71	1.16	0.49	0.30	0.21	0.10
1.85V	5.20	3.95	2.73	1.60	1.09	0.47	0.29	0.20	0.10

