

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

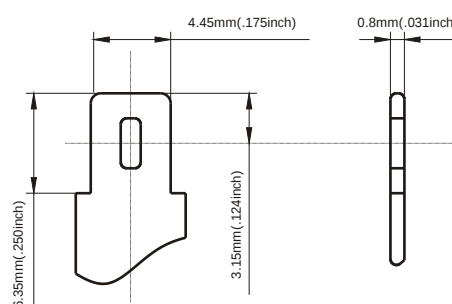


General Features

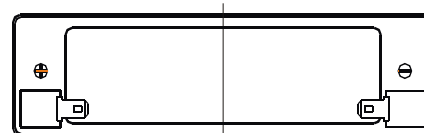
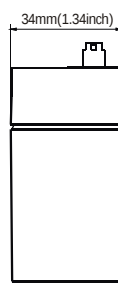
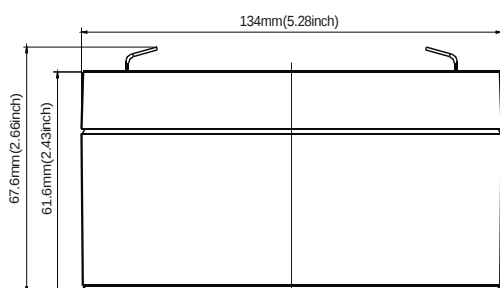
Sealed and maintenance free operation.
Non-Spillable construction design.
ABS containers and covers(UL94HB, UL94V-0) optional.
Safety valve installation for explosion proof.
High quality and high reliability.
Exceptional deep discharge recovery performance.
Low self discharge characteristic.
Flexibility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

Construction

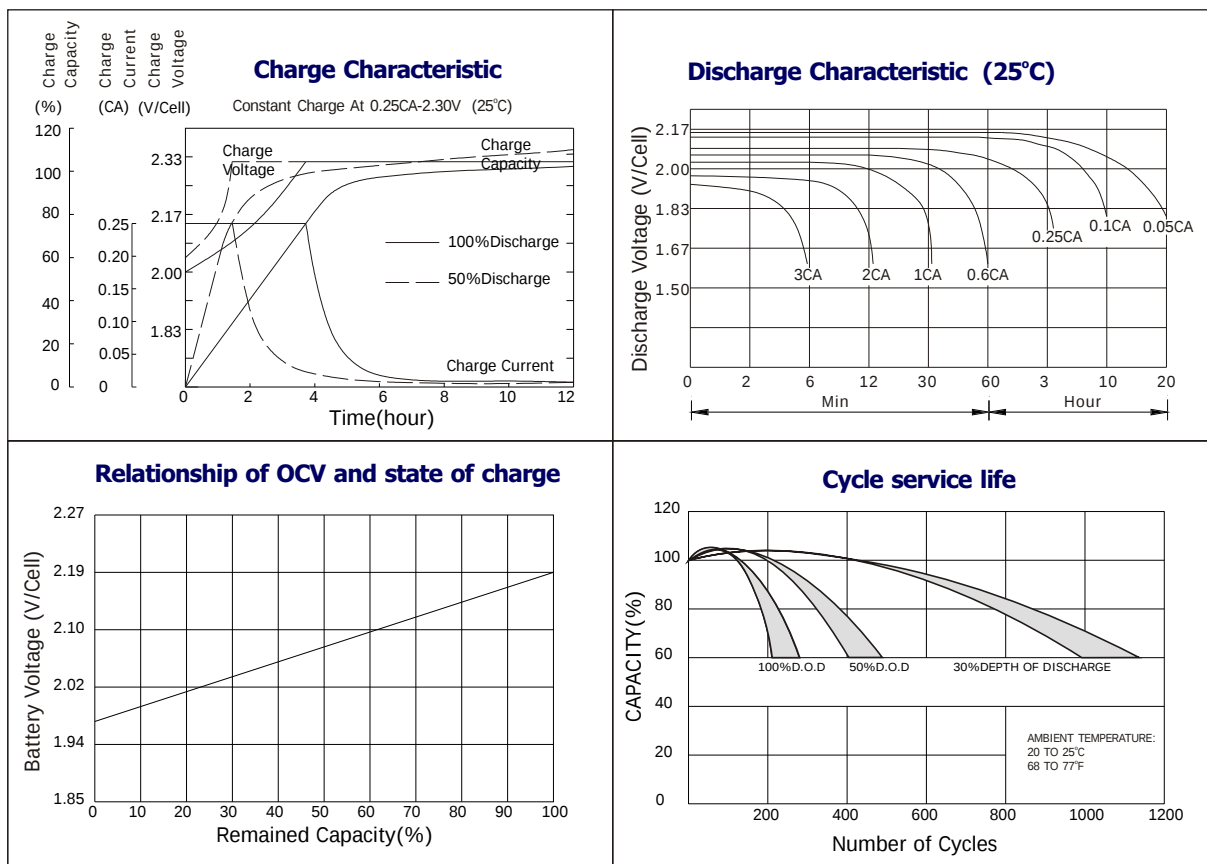
Component	Raw material	Sealant	Epoxy Resin
Positive	Lead dioxide	Safety valve	EPDR
Negative	Lead	Terminal	Copper
Container	ABS	Separator	Fiber glass
Cover	ABS	Electrolyte	Sulfuric acid



Terminal Dimensions



Battery Model	GB6-3.4			
Designed Floating Life	5 Years			
Capacity(25°C)	20HR(0.17A,1.75V)	10HR(0.32A,1.75V)	5HR(0.58A,1.75V)	1HR(2.20A,1.75V)
	3.4AH	3.2AH	2.9AH	2.2AH
Dimensions	Length	Width	Height	Total Height
	134mm(5.28inch)	34mm(1.34inch)	61.6mm(2.43inch)	67.6mm(2.66inch)
Approx. Weight	0.7Kg (1.39 lbs)			
Internal Resistance	Full charged at 25°C :0.024 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: 1.0A		6.8-6.9V(-10mV/ °C)	



Constant current discharge ratings-amperes at 25°C

F.V / Time	5 MIN	10 MIN	15 MIN	30 MIN	1 HR	3 HR	5 HR	10 HR	20 HR
1.60V	13.3	8.26	6.23	3.80	2.42	1.06	0.65	0.36	0.19
1.67V	12.5	7.84	6.00	3.64	2.38	1.02	0.63	0.36	0.18
1.70V	11.4	7.56	5.86	3.31	2.31	0.95	0.62	0.36	0.18
1.75V	11.2	7.32	5.67	3.14	2.20	0.92	0.61	0.35	0.18
1.80V	10.0	6.99	5.15	2.91	2.06	0.88	0.57	0.35	0.17
1.85V	8.84	6.66	4.63	2.68	1.92	0.85	0.53	0.34	0.17

Constant power discharge ratings-watts at 25°C

F.V / Time	5 MIN	10 MIN	15 MIN	30 MIN	1 HR	3 HR	5 HR	10 HR	20 HR
1.60V	23.3	14.9	11.4	6.85	4.36	1.88	1.10	0.73	0.38
1.67V	22.5	14.5	11.2	6.71	4.33	1.82	1.09	0.72	0.37
1.70V	21.2	14.4	11.1	6.28	4.25	1.74	1.08	0.72	0.36
1.75V	21.3	14.4	11.1	6.09	4.18	1.70	1.07	0.71	0.35
1.80V	19.5	14.1	10.2	5.81	3.94	1.65	1.03	0.70	0.34
1.85V	17.7	13.4	9.29	5.44	3.70	1.60	1.00	0.69	0.33

