

Best Partner For UPS

Durable VRLA Lead Acid AGM Battery

CSBattery GB series batteries are designed to have a large amount of stored current discharged between charging sessions, with very heavy non-porous battery plates to withstand repeated major discharging and charging cycle(deep cycle). The CSBattery durable AGM battery uses a different chemistry for the plates active paste material, and a slightly stronger electrolyte, thus the GB range features 30% higher cyclic life with 10 years of float life when compared to the standard Duration range.



Complied Standards

IEC60896-21/22	BS6290part4
JISC8704	GB/T19638
IEC61427	CE/ISO

Technical Specifications

Nominal Voltage	12V(6 Cells Per Unit)	
Design Floating Life @25°C	10 Years	
Nominal Capacity @25°C(10 hour rate@1.8V)	100%C (Ah)	
Capacity @25°C	20hour rate (1.8V)	111%C (Ah)
	5 hour rate (1.8V)	91.5%C(Ah)
	1 hour rate (1.75V)	66.5%C(Ah)
Internal Resistance	Full Charged Battery@25°C	≤0.02*C(mΩ)
	Discharge	-25°C~60°C
Ambient Temperature	Charge	-25°C~60°C
	Storage	-25°C~45°C
	Max.Discharge Current@25°C	6C (5s)
Capacity affected by Temperature (10 hour)	40°C	105%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-Discharge@25°Cper Month	3%	



General features

- 30% more cyclic life through innovation at the PAM additives
- DOD 50% 800 times Cycles
- Thick flat plate with high Tin low Calcium alloy
- Excellent deep discharge recovery capability
- Long life expectancy of 10 years in floating condition

Charge (Constant Voltage) @25°C	Standby Use	Initial Charging Current Less than C*0.25A Voltage 2.25-2.3V
	Cycle Use	Initial Charging Current Less than C*0.25A Voltage 2.37-2.4V

Battery Construction

Component	Positive plate	Negative plate	Container & Cover	Safety valve
Features	Thick high Sn low Ca grid with Special paste	Balanced Pb-Ca grid for improved recombination efficiency	Fire resistant e ABS (UL94-V0optional)	Flame Si-Rubber and aging resistance
Component	Terminal	Separator	Electrolyte	Pillar seal
Features	Female Copper Insert	Advanced AGM separator for high pressure cell desbm	Dilute high purity sulfuric acid	Two layers epoxy resin seal

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Popular Items for UPS

Model	Voltage(V)	Capacity	Dimension (mm)			Total	Net Weight	Gross Weight
			Length	Width	Height	Height	kgs	kgs
GB12-7.0	12	7.0/20HR	151	65	94	100	2.05	2.15
GB12-7.2	12	7.2/20HR	151	65	94	100	2.15	2.25
GB12-9.0	12	9/20HR	151	65	94	100	2.4	2.5
GB12-12	12	12/20HR	152	99	96	102	3.5	3.6
GB12-26	12	26/10HR	166	175	126	126	8.3	8.5
GB12-33	12	33/10HR	196	130	155	167	10	10.3
GB12-45	12	45/10HR	198	166	174	174	13	13.3
GB12-55	12	55/10HR	229	138	208	212	16.2	16.7
GB12-65	12	65/10HR	350	167	178	178	20.5	21
GB12-80	12	80/10HR	260	169	211	215	23.5	24
GB12-100	12	100/20HR	307	169	211	216	27	27.5
GB12-200	12	200/20HR	522	240	219	225	56	56.5



Performance Characteristics

