

Specially Designed For Telecom System

Front terminal 12V Sealed Free Maintenance Battery

CSBattery FB12 (Front Terminal) Series has been specifically designed for applications using 19" and 23" cabinets, especially telecoms. Reliability is assured with the patented post seal and a state-of-the-art AGM design developed to comply with the latest IEC, British and Telcordia standards. A 12+ years design life and centralised venting system add to the suitability and flexibility of this superior range.



Complied Standards

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



General features

Fire resistance ABS container;

DOD 50% 1500 times Cycles

Advanced AGM technology, and Maintenance-free operation;

Front access terminal with standard width for 19" and 23" ETSI racks;

Long float service life 10years;
Low self discharge <3%.

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 resistance ABS (UL94-V0 optional)	Flame Si-Rubber and aging resistance
Component	Terminal	Separator	Electrolyte	Pillar seal
Features	Female Copper Insert	Advanced PVC /AGM separator for high pressure cell desbm	Dilute high purity sulfuric acid	Two layers epoxy resin seal

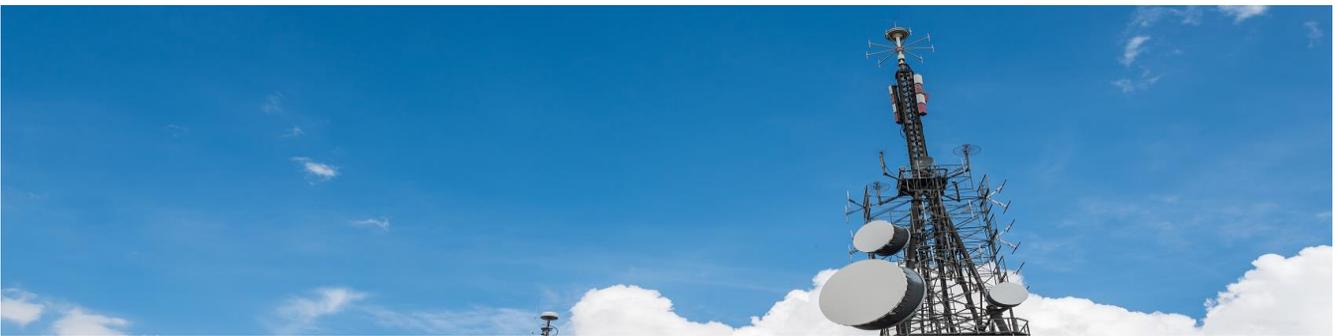
Technical Specifications

Nominal Voltage	12V(6 Cells Per Unit)	
Design Floating Life @25°C	10 Years	
Nominal Capacity @25°C(20 hour rate@1.8V)	100%C (Ah)	
Capacity @25°C	20hour rate (1.8V)	106%C (Ah)
	5 hour rate (10.5V)	88%C(Ah)
	1 hour rate (9.6V)	63.8%C(Ah)
Internal Resistance	Full Charged Battery@25°C	≤0.058*C(mΩ)
	Discharge	-15°C~45°C
Ambient Temperature	Charge	-15°C~45°C
	Storage	-15°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%
Self-Discharge@25°Cper Month	-15°C	65%
		3%
Charge (Constant Voltage) @25°C	Standby Use	Initial Charging Current Less than C*0.25A Voltage 13.6-13.8V
	Cycle Use	Initial Charging Current Less than C*0.25A Voltage 14.4-14.9V

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Popular item for Traffic Lights

Model	Nominal Voltage (V)	Capacity (Ah)	Dimension (mm)				Net Weight kgs	Gross Weight kgs
			Length	Width	Height	Total Height		
FB12-55	12	55/10HR	277	106	223	223	16	16.3
FB12-80	12	80/10HR	562	114	188	188	25	25.3
FB12-100	12	100/10HR	507	110	223	223	29.4	29.8
FB12-110	12	110/10HR	394	110	286	286	30.5	30.9
FB12-125	12	125/10HR	552	110	239	239	38	38.4
FB12-150	12	150/10HR	551	110	288	288	44	44.5
FB12-160	12	160/10HR	551	110	288	288	44.5	45
FB12-175	12	175/10HR	546	125	316	323.5	53.5	54
FB12-180	12	180/10HR	560	125	316	316	54	54.5
FB12-200	12	200/10HR	560	125	316	316	57	57.5



Performance Characteristics

