

# SMF BATTERIES



## 12V VRLA BATTERY Range from 7.2Ah - 200Ah

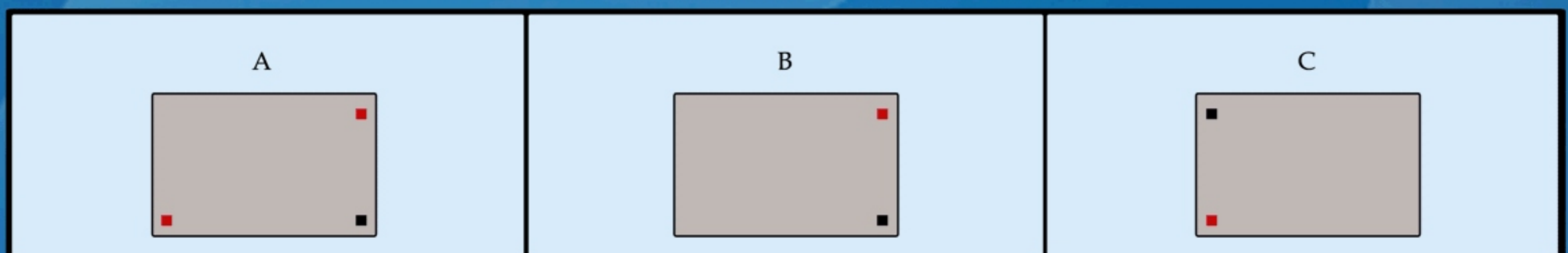


Ordinary lead acid batteries give out lead fumes lacing the air you breathe with poison. These batteries emit fume when they are charging. The lead plates in the battery react with acid and water in the process of storing electricity. This heats up the battery and lead fumes are emitted into the atmosphere. Take a good look at the terminals of your inverter battery after it has been in use for few months. You will find some grayish/greenish matter forming around its terminal. Lead fumes emitting from the battery have corroded the terminal leaving behind this substance. If they can do this to such a strong metal, imagine the holes they must be drilling into the soft and spongy tissues of the human body, the Lungs!. Not so long ago the campaign against lead in the atmosphere succeeded in banning lead from fuel. The Indian government, bowing to public pressure, eliminated lead from petrol. All the gains of the campaign are being negated in the homes through lead-acid batteries wired to inverters. Should we happily be lugging these lead-fume-producing contraptions home without a thought for our health? If the battery is located in an air-conditioned space it could be even more dangerous as there is no fresh air to dilute the lead fumes which will continue being generated and recirculated.

### GENERAL SPECIFICATIONS

TYPE	NOMINAL VOLTAGE (V)	CAPACITY (Ah)	CAPACITY (W)	DIMENSION						TOTAL HEIGHT		TERMINAL LAYOUT	TERMINAL	WEIGHT KG
				LENGTH		WIDTH		HEIGHT		mm	inches			
		9.6Vpb@10Min 20°C	10.5Vpb@20Hr. 20°C	mm	inches	mm	inches	mm	inches	mm	inches			
SPB 7.2	12	203.0	7.2	151	5.9	65	2.6	94	3.7	100	3.9	B	F2	2.66
SPB 18	12	508.0	18	181	7.1	77	3.0	167	6.6	167	6.6	A	M6	5.70
SPB 28	12	733.0	28	165	6.5	176	6.9	127	5.0	127	5.0	A	M6	8.50
SPB 45	12	875.0	45	197	7.8	165	6.5	170	6.7	170	6.7	A	M6	13.50
SPB 70	12	1544.0	70	350	13.8	167	6.6	179	7.0	179	7.4	A	M6	22.20
SPB 100	12	2376.0	100	408	16.1	177	7.0	234	9.2	234	9.2	A	M6	33.00
SPB 135	12	2700.0	135	408	16.1	177	7.0	234	9.2	234	9.2	A	M6	37.00
SPB 165	12	3888.0	165	488	19.2	173	6.8	250	9.8	250	9.8	A	M8	48.50
SPB 200	12	7212.0	200	535	21.4	207	8.1	215	8.6	215	9.6	C	M8	60.00

### TERMINALS POSITION



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