

LEAD ACID BATTERY

POWER BANK SERIES



POWER BANK SERIES - 50AH - 220 AH

Power Bank series is an economical multi cell flat plate series. A proven Technology for years offers good electrical performance and better distribution of lead mass for current distribution and long grid life. The battery uses more plates, means more surface area giving more power.

Product Features

- ▶ Extra thick plates for excellent discharge performance which increases the battery life.
- ▶ Extremely pure Lead Oxide for low maintenance and higher shelf life.
- ▶ Double separation between plates to prevent them from shorting and active material shedding.
- ▶ Using advances (US) technology for Inter Cell Welding which ensues optimal performance due to low internal resistance.
- ▶ Micro porous aqua trap vent plug to ensure minimum acid fumes and hence ensures low maintenance of batteries.
- ▶ Low Antimony alloy reduces electrolysis loss, hence require low maintenance.

Ceramic flame arrestor prevents electrical sparks to go in and therefore ensures highest degree of safety for all domestic and office usage.

- ▶ Less power consumption during recharging, due to high charge efficiency and low internal resistance (due to low antimony, purest oxide and electrolyte).
- ▶ Best engineered product to suit with all types of inverter and UPS products.

Benefits

- ▶ Values for money
- ▶ Reliable
- ▶ Robust, tolerant to rough handling
- ▶ longer life
- ▶ Better back-up

Battery Name	Battery Model	Capacity at 27C° <small>Discharged at C20 rate</small>	Dimensions (+/-3mm)			Weight-Kg* (Gross)	Charging Current-Amp	Warranty** (in months)
			Length	Width	Height			
Power Bank-100	SIG 100	100Ah	410	174	244	29.1	10	24
Power Bank-135	SIG 135	135Ah	512	212	245	41.7	13.5	24
Power Bank-150	SPG 150	150Ah	512	212	245	43.7	15	18
Power Bank-150	SIG 150	150Ah	512	212	245	43.7	15	24
Power Bank-165	SIG 165	165Ah	517	274	251	51.8	16	24
Power Bank-200	SIG 200	200Ah	517	274	251	60	20	24

Load	Inverter/ UPS VA Rating	No. of Batteries	BACKUP DURATION (IN HRS. - MIN.)									
			100 Ah		135 Ah		150 Ah		165 Ah		200 Ah	
			Full Load	50% load	Full Load	50% load	Full Load	50% load	Full Load	50% load	Full Load	50% load
1 Tubelight + 3 Fan + 1 TV + 4 CFL	650 VA	1 No.	1h	2h 40m	1h 40m	3h 50m	1h 50m	4h 20m	2h 10m	5h	2h 40m	6h 10m
2 Tubelight + 2 Fan + 1 PC + 3 CFL	650 VA	1 No.	1h	2h 50m	1h 40m	4h	1h 50m	4h 30m	2h 10m	5h 10m	2h 50m	6h 30m
2 Tubelight + 4 Fan + 1 PC + 3 CFL	850 VA	1 No.	40m	1h 50m	1h	2h 40m	1h 10m	3h	1h 30m	3h 30m	1h 50m	4h 20m
2 Tubelight + 4 Fan + 1 TV + 4 CFL	850 VA	1 No.	40m	2h	1h	2h 50m	1h 10m	3h 10m	1h 30m	3h 40m	1h 50m	4h 30m
2 Tubelight + 7 Fan + 1 TV	1500 VA	2 No.(S)	1h	2h 20m	1h 20m	3h 20m	1h 40m	3h 50m	1h 40m	4h 10m	2h 20m	5h 10m
5 Tubelight + 7 Fan + 1 PC + 7 CFL	1500 VA	2 No.(S)	50m	2h 10m	1h 20m	3h 10m	1h 20m	3h 40m	1h 40m	4h 10m	2h 10m	5h 10m