

TUBULAR BATTERY MACROZ SERIES



MACROZ SERIES - 25AH, 50AH

The tubular-plate technology enables batteries to deliver a larger amount of consistent, reliable power. They are engineered to deliver increased power and efficiency while maximizing battery life. The tubular-plate batteries perform better on heavy-duty applications. Even the maintenance required with these batteries is quite less. The batteries withstand long and frequent power cuts.

Product Features

- ▶ Advanced tubular batteries designed to suit 150VA & 250VA Inverters and UPS.
- ▶ Life - Promise of 1000 cycles of deep discharge.
- ▶ Special tubular plates designed for long life in deep discharge cycle.
- ▶ Superior active material for excellent deep discharge capability.
- ▶ Special alloy for low maintenance of batteries.
- ▶ Angular Ribbed - Poly Ethylene Separator design with low electrical resistance and high porosity for better performance.
- ▶ Ceramic flame arrestor prevents electrical sparks to go in and therefore ensures highest degree of safety for all domestic and office usage.
- ▶ Micro porous aqua trap vent plug to ensure minimum acid fumes which ensures low maintenance of batteries.

Benefits

- ▶ Advanced paste provides long shelf life, reduces water loss and results in minimum maintenance.
- ▶ Heavy duty spines for excellent cyclic life and deep discharges.
- ▶ Reliable battery even in high temperature applications.
- ▶ Provides excellent cyclic life with deep cycle discharges.
- ▶ Batteries acceptability to sustains even high rate discharges on heavy loads.

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			
Macroz-250	MCT - 250	25Ah	258	177	237	16	2.5	24
Macroz-500	MCT - 500	50Ah	410	174	244	27	5	30

Load	Inverter/UPS VA Rating	No. of Batteries	BACKUP DURATION (IN HRS. - MIN.)			
			25 Ah		50 Ah	
			Full Load	50% load	Full Load	50% load
7 CFL	150 VA	1 No.	1h 50m	3h 40m		
1 Fan + 2 CFL	150 VA	1 No.	1h 40m	3h 10m		
1 Tube light + 5 CFL	150 VA	1 No.	1h 50m	3h 30m		
1 TV + 2 CFL	250 VA	1 No.			1h 50m	3h 40m
1 Fan + 5 CFL	250 VA	1 No.			2h 20m	4h 50m
1 Tube Light + 8 CFL	250 VA	1 No.			2h 40m	5h 20m

Backup time evaluated under standard test conditions.