

Technical Information



TAFE is proud to offer Insta Power flooded battery for UPS (Uninterruptible Power Supply), Solar Power Systems & Lightings, Domestic & Industrial Inverter, Communication Equipments & other stationary applications. These batteries are available in different capacities, ranging from 20 to 200 AH (at 10 hour rate). You have the further option to choose between the Tubular and or the Flat Plate designs.

Special Features

Quick recovery from deep discharge. Steady output and endurance • Eco-friendly Aqua Trap vent plugs to ensure no acid fumes • Topping up required only 2 to 3 times a year • Compact & safe design

Construction and Assembly

Monobloc container made of Polypropylene • Dry charged negative plates • Aqua trap vent plug • Electrolyte contains Sulphonic acid additive to prevent sulphation of plates • Low antimony alloys and large top-of-plate-acid-head room.

Maintenance: Charge battery promptly after use • Keep battery top and terminals clean and dry • Ensure good ventilation in the room • Recharge for 10 hours after prolonged use.

Battery Specification

Sl. No.	Battery Type	Capacity at 10 Hr. Rate (AH)	Charging Rate		Battery Weight		Quantity of acid/ battery in litres	Overall Dimensions (+/-5mm)		
			Initial	Normal	Dry	Wet		L	W	H
			Amps		Kgs					
1	6UPS 20-T	20	1.0	2.0	9.60	15.20	4.5	260	173	250
2	6UPS 40-T	40	2.0	4.0	14.40	20.40	4.8	305	173	257
3	6UPS 60-T	60	3.0	6.0	20.00	28.20	6.6	410	176	265
4	6UPS 66-T	66	3.3	6.5	22.20	30.00	6.0	410	176	265
5	6UPS 75-T	75	3.8	7.5	22.80	30.50	6.0	410	176	265
6	6UPS 100-T	100	5.0	10.0	31.10	44.60	10.8	510	210	265
7	6UPS 130-T	130	6.5	13.0	42.80	61.60	15.0	515	275	270

TUBULAR



Sl.No.	Battery Type	Capacity at 10 Hr. Rate (AH)	Charging Rate		Battery Weight		Quantity of acid/ battery in litres	Overall Dimensions (+/-5mm)		
			Initial	Normal	Dry	Wet		L	W	H
			Amps		Kgs					
1	6UPS 40-F	40	3.3	4.0	11.0	16.2	4.2	260	173	250
2	6UPS 60-F	60	5.0	6.0	16.1	22.3	5.0	305	173	257
3	6UPS 80-F	80	6.5	8.0	19.0	27.5	7.0	410	176	265
4	6UPS 100-F	100	8.3	10.0	23.8	35.0	9.0	510	178	265
5	6UPS 130-F	130	10.0	13.0	26.9	40.9	10.0	510	210	265
6	6UPS 150-F	150	12.5	15.0	28.0	41.5	11.0	510	210	265
7	6UPS 180-F	180	15.0	18.0	35.5	54.1	15.0	515	275	270
8	6UPS 200-F	200	16.5	20.0	38.5	57.5	15.5	515	275	270

FLAT PLATE



Initial Charging Specifications

	Tubular Type	Flat Type
Initial Charge Durations (Hrs)	80 - 90	8 - 10
Filling in Specific Gravity (Dilute Sulphuric Acid @ 27°C)	1.225 ± 0.005	1.240 ± 0.005
Specific Gravity (in fully charged Condition @ 27°C)	1.240 ± 0.005	1.240 ± 0.005

- Due to constant R&D efforts, the technical specifications are subject to change.
- **STATUTORY REQUIREMENT: AS PER LAW, IT IS MANDATORY TO RETURN THE USED BATTERY TO THE MANUFACTURER/DEALER.**

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