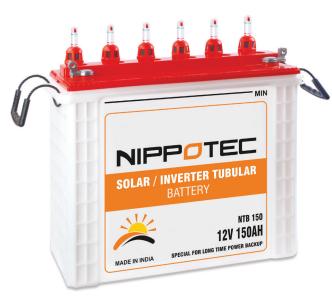
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## Nippotec Tubular Battery

Nippotec Tubular plate batteries are designed to meet the needs of off-grid power systems and heavy duty applications. The batteries are engineered to effectively perform regular deep-discharge cycles while offering long service life.

 Thick, micro-porous, non-conductive gauntlets (tubes) increase positive plate service area, resulting in up to 20% greater electrical capacity.

• Tubular technology holds the active material on battery plate, reducing possible shedding and corrosion of the plate resulting in longer life time. Additionally, this also allows the battery to better operate in the hot and humid conditions of the Middle-East and African region.

## Features

resistance

- High acid volume per cell
- Micro-porous ceramic vent plugs with float guide indicators- for easy maintnance
- Leak proof heat sealed container
- Extra electrolyte for reduced frequency of water topping
- Extra thick spines and Bus bar for high discharge performance during heavy load. • DRAMIC separator with high porosity, low electrical resistance and high oxidation

Technical Specification		Eco-Friendly (Recyclable)	Long Life Cycle Hear	yy Duty lication		
Battery Type	NTB 70	NTB 100	NTB 150	NTB 200		
Nominal Voltage	12 V					
Rated Capacity (Ah) at 27°C						
20Hr	70 Ah	100 Ah	150 Ah	100 Ah		
10Hr	56 Ah	80 Ah	120 Ah	80 Ah		
3Hr	40 Ah	71 Ah	86.04 Ah	71 Ah		
Max. Discharge Current ( 25° C)	210A (3s)	300A (3s)	450A (3s)	300A (3s)		
Charging Current ( Cycle Use)	14.4-14.7V					
Charging Current ( Standby)	13.8-14.2V					
Dimensions (mm) Hx Lx W	500 x 218 x 256	500 x 218 x 256	498 x 184 x 387	500 x 218 x 256		
Weight (Kgs) Dry	18.5	21.75	30.95	21.75		

## Sample Back up Time (NTB 200)

Load	Inverter/ UPS (VA Rating)	No. of Batteries	Back up Duration (hours/min)	
			Full Load	50% Load
1 Tube light + 3 fans + 1 TV + 10 LED Lights	650 VA	1	2 h 30 min	5h 40 min
2 Tube light + 2 fans + 1 PC + 8 LED Lights	650 VA	1	2 h 40 min	6h 10 min
2 Tube light + 4 fans + 1 PC + 8 LED Lights	850 VA	1	1 h 40 min	4h
2 Tube light + 4 fans + 1 TV + 10 LED Lights	850 VA	1	1 h 50 min	4h
7 Tube light + 7 fans + 1 TV	1500 VA	2	2 h 10 min	5h
5 Tube light + 7 fans + 1 PC + 20 LED Lights	1500 VA	2	1 h 10 min	4h 50 min