



WAAREE INVERTER TUBULAR BATTERY - APPLICATIONS



Home Inverter /
UPS



Telecommunication
Power Supply



Electrical Power
System



Data
Centers



Railway
Signalling



Offshore
Platform Power
Supply



DC Power
Supply



Home and Office
Backup Power

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INVERTER TUBULAR BATTERY

NO.1

VERTICALLY INTEGRATED COMPANY WITH GLOBAL OPERATIONS

INDIAN SOLAR PANEL MANUFACTURER



29+ YEARS

INDUSTRY EXPERIENCE

600+ MW

EPC PROJECTS COMMISSIONED

2 GW

MODULES SUPPLIED GLOBALLY

5,000+ PROJECTS

IN PUMPS, TELECOM AND ROOFTOP

68+ COUNTRIES

SERVICES THROUGH 280 SALES OFFICES ACROSS THE GLOBE

1.5 GW

MODULE MANUFACTURING CAPACITY



WAAREE INVERTER TUBULAR BATTERY - FEATURES

- Robust tubular positive plate construction with PDC grid spine ensures long service life
- Low antimony alloy & Large electrolyte reserve over the plate ensures long topping up interval
- Superior Ampere-hour and Watt-hour efficiency
- Excellent deep discharge capability
- Meets IS-13369 standard with latest amendments
- Very low self discharge rate under storage
- Supplied in ready to use factory charged condition
- Superior cycle life under deep cycle duty

TECHNICAL SPECIFICATIONS

| Model | Nominal Voltage (V) | Nominal Capacity-C20 (Ah @ 27°C) | 400W Back-up @ 25-35°C | Overall Dimensions (in mm) | | | Battery Weight (Kg) ±5% | Warranty (months) | Terminal Type |
|------------|---------------------|----------------------------------|------------------------|----------------------------|------------|-------------|-------------------------|-------------------|---------------|
| | | | | Length ±5mm | Width ±5mm | Height ±5mm | | | |
| 12WT120H24 | 12 | 135 | 120 mnt | 505 | 190 | 410 | 54.0 | 24 | M8 L-Terminal |
| 12WT135H36 | 12 | 135 | 120 mnt | 505 | 190 | 410 | 55.5 | 36 | M8 L-Terminal |
| 12WT150H24 | 12 | 150 | 160 mnt | 505 | 190 | 410 | 56.0 | 24 | M8 L-Terminal |
| 12WT150H36 | 12 | 150 | 170 mnt | 505 | 190 | 410 | 58.0 | 36 | M8 L-Terminal |
| 12WT165H36 | 12 | 165 | 200 mnt | 505 | 190 | 410 | 60.0 | 36 | M8 L-Terminal |
| 12WT200H36 | 12 | 200 | 265 mnt | 505 | 190 | 410 | 63.0 | 36 | M8 L-Terminal |
| 12WT225H36 | 12 | 225 | 300 mnt | 505 | 190 | 410 | 68.0 | 36 | M8 L-Terminal |
| 12WJ120H24 | 12 | 120 | 120 mnt | 508 | 212 | 286 | 43.0 | 24 | M8 L-Terminal |
| 12WJ150H24 | 12 | 150 | 190 mnt | 508 | 212 | 286 | 47.0 | 24 | M8 L-Terminal |
| 12WJ165H24 | 12 | 165 | 220 mnt | 518 | 276 | 290 | 58.0 | 24 | M8 L-Terminal |

CHARACTERISTICS

| | |
|-------------------------------|--|
| Charging Current | Minimum 10% to Maximum 20% of the Battery Nominal Capacity |
| Float Voltage* | 13.8 ± 0.1 Volt |
| Boost Voltage* | 15.6 ± 0.1 Volt |
| Low Voltage Cut-off | 10.8 ± 0.1 Volt |
| Low Reconnect Voltage | 13.0 ± 0.1 Volt |
| Temperature Correction Factor | Float: -18mV/°C, Boost: -30mV/°C |
| Recharge Factor | 110% of Discharge Ah |
| Storage Period | 3 months max. |
| Operating Temperature | -15 to 55°C |
| Compliance Standard | Generally conforms to IS-13369 Specification (latest amendments) |

*Specifications are under continuous improvement & subject to change without prior notice