

NO.1

VERTICALLY INTEGRATED COMPANY
WITH GLOBAL OPERATIONS

INDIAN
SOLAR PANEL
MANUFACTURER

29
YEARS

INDUSTRY
EXPERIENCE

500+
MW

EPC PROJECTS
COMMISIONED

1.7+
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			
12WT135H24	12	135	135 mnt	505	190	410	54.0	24	M8 L-Terminal
12WT135H36	12	135	145 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



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

