

WAAREE



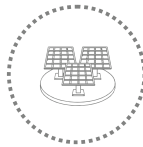
SOLAR BATTERY
INVERTER BATTERY
AGM VRLA BATTERY
LI-ION BATTERY

NO. 1 INDIAN SOLAR MODULE MANUFACTURER

WAAREE



30 Years
Industry Experience



600 MW⁺
EPC Projects
Commissioned



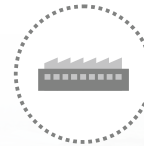
3 GW⁺
Supplied Globally



10000⁺ Rooftop
Projects Commissioned



68+ Countries
Global Presence



2 GW
Module Manufacturing
Capacity

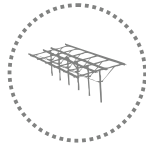


PRESENCE ACROSS SOLAR VALUE CHAIN

WAAREE



Solar
Modules



Module
Mounting Structures



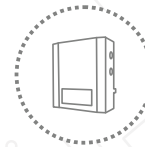
EPC
Services



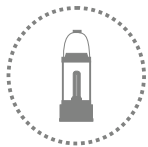
Rooftop
Solutions



Floating
Solar



**On-Grid/
Off-Grid**
Inverters



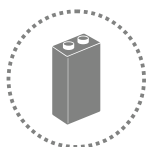
Home
Lighting System



Water
Pump



Energy
Storage



Lithium-ion
Batteries



Solar
Partners



Solar
Street Lights

WAAREE SOLAR BATTERY

WAAREE

LMLA

Waaree solar batteries are specially developed to suit quick charge acceptance and frequent deep discharge application under partial state of charge in solar photovoltaic application in adverse weather condition.

MODEL DETAILS

Model	Battery Rating @C10	Warranty (months)
12WT040S	12V, 40Ah	36
12WT040SL	12V, 40Ah	60
12WT060S	12V, 60Ah	36
12WT060SL	12V, 60Ah	60
12WT075S	12V, 75Ah	36
12WT075SL	12V, 75Ah	60
12WT100S	12V, 100Ah	36
12WT100SL	12V, 100Ah	60
12WT120S	12V, 120Ah	36
12WT120SL	12V, 120Ah	60
12WT150S	12V, 150Ah	36
12WT150SL	12V, 150Ah	60
12WT200S	12V, 200Ah	36
12WT200SL	12V, 200Ah	60

FEATURES

- Rugged tubular positive plate construction with PDC grid spine for long life
- Ultra low maintenance
- Suitable for frequent cyclic duty under PSOC condition
- Supplied in ready to use factory charged condition
- Superior cycle life under deep cycle duty
- Very low self discharge rate under storage
- Superior Ampere-hour and Watt-hour efficiency
- Meets IS-13369 & IEC 61427 specification with latest amendments



WAAREE INVERTER BATTERY

WAAREE

LMLA

Designed with best technical specifications, Inverter Tubular Batteries are Ideal for Homes, Offices & Business Centers especially for Indian Requirements.

MODEL DETAILS

Model	Battery Rating @C10	Warranty (months)
12WT120H24	12V, 120Ah	24+24*
12WT135H36	12V, 135Ah	36+24*
12WT150H24	12V, 150Ah	24+24*
12WT150H36	12V, 150Ah	36+24*
12WT165H42	12V, 165Ah	42+18*
12WT200H36	12V, 200Ah	36+24*
12WT225H36	12V, 225Ah	36+24*
12WJ120H24	12V, 120Ah	24+24*
12WJ150H24	12V, 150Ah	24+24*
12WJ165H24	12V, 165Ah	24+24*
12WT120H24	12V, 120Ah	24+24*

FEATURES

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



WAAREE AGM VRLA BATTERY

WAAREE

The State of the Art Designed Small VRLA Batteries by Waaree are suitable for most critical applications & challenging work environment

MODEL DETAILS

Model	Battery Rating @C20	Battery Weight (kg) \pm 3%	Warranty (months)
12WS072	12V, 7.2Ah	2.1	12
12WS075	12V, 7.5Ah	2.3	12
12WS078	12V, 7.8Ah	2.5	12
12WS012	12V, 12Ah	3.5	12
12WS018	12V, 18Ah	6.0	12

FEATURES

- Maintenance Free & Non-spillable sealed construction
- Excellent deep discharge recovery and charge acceptance characteristics
- Low Internal Resistance ensures quick power delivery
- Higher Gas Recombination Efficiency ensures maintenance free operation and long service life
- High purity raw material ensures low self-discharge and long shelf life characteristics
- Manufactured in state-of-the-art facility with all major QMS certifications
- Dedicated After-Sales Service Network and support pan India



LITHIUM ION LFP & NMC

In-house Cell Testing, Gradation & Safety Testing enabling Pack Assemblers easy availability of Authentically sorted cells.

MODEL DETAILS

Model	Cell Voltage	Nominal Capacity (Ah)@C1	Technology
Cylindrical Cell			
L186501200	3.2	1.2	LiFePO4
L186501400	3.2	1.4	LiFePO4
L186501500	3.2	1.5	LiFePO4
L186502000	3.2	2	LiFePO4
L266503000	3.2	3	LiFePO4
L266503200	3.2	3.2	LiFePO4
L326505000	3.2	5	LiFePO4
U186502000	3.2	2	NMC
U186502200	3.7	2.2	NMC
U186502600	3.7	2.6	NMC
U186503000	3.7	3	NMC
U266503200	3.7	3.2	NMC
U266503500	3.7	3.5	NMC
U266503800	3.7	3.8	NMC
U266504500	3.7	4.5	NMC
Prismatic Cell			
L010XX	3.2	10.0	LiFePO4
L020XX	3.2	20.0	LiFePO4
L040XX	3.2	40.0	LiFePO4
L060XX	3.2	60.0	LiFePO4
L080XX	3.2	80.0	LiFePO4

Terminal Type: XX = N1 Bolt Type L1 Laser Welding Type

FEATURES

- Excellent Thermal Stability
- Good Charging Performance at High Temperature (upto 70° C)
- Extremely low self discharge rate
- Over 2000 cycle life for LFP cells or Over 1200 cycle life for NMC cells
- Safe & Reliable
- No dissipation & memory effect
- Environment Friendly (No Toxic metals & No Carcinogens)
- Multiple pack configuration available for all cell models



WAAREE LI-ION BATTERY PACK

WAAREE

LI-ION SMALL BATTERY PACK

Customized Battery Packs with High Precision BMS & Automated Robust Assembly with Hi-grade Cells.

MODEL DETAILS

Cell Chemistry	Nominal Voltage (V)	Nominal Capacity (Ah)	Technology
LFP	3.2	3Ah-80Ah	Cylindrical & Prismatic
	6.4	3Ah-80Ah	
	12.8	3Ah-80Ah	
	25.6	3Ah-80Ah	
	51.2	3Ah-80Ah	
NMC	3.7	3Ah-80Ah	
	7.4	3Ah-80Ah	
	11.1	3Ah-80Ah	
	14.8	3Ah-80Ah	

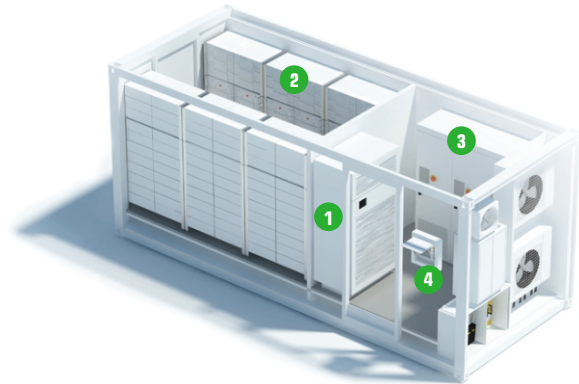
FEATURES

- Lightweight & Small in Size
- Fast Charge-Discharge with Large Current
- Wide Operating temperature
- No Memory Effect
- Environment Friendly
- Long Storage Life
- No maintenance required
- Customizable shape & sizes
- Efficient Battery with True Capacity



LI-ION FOR UTILITY SCALE STORAGE SOLUTIONS

In-house EPC capabilities for Large Scale Storage with High Performance Cells of Various Chemistries such as LFP, NCM, Li-Metal, LTO, NCA, LMO etc.



- 1** The Battery Inverter Output: from 100kW
- 2** Battery System Capacity: from 100kWh
- 3** PV-Inverter Power range starting from 100 kW
- 4** Qinous Energy Management System (EMS) + Remote monitoring

FEATURES

- Efficient Battery Management System
- High rate discharge Capability
- Excellent Capacity Retention in Cyclic Applications
- High DOD, More Cycles & Longer Service Life
- Environment Friendly
- High Energy Density / Compact Design
- Zero Maintenance
- Support RS232, RS484 & other Cloud Management Platforms
- Battery Energy Conversion Efficiency up to 96%
- Attractive Payback
- Fast Recharge @1C rate

APPLICATIONS

- Frequency Regulations
- Wave Shaving
- Peak Demand Compensation
- Micro Grids
- Mini Grids
- Sub Station Backup Storage

WAAREE LI-ION FOR E-RICKSHAWS

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LI-ION E-RICKSHAWS BATTERIES

Confirming to Highest Safety Standards, EV Battery Packs are designed for rough Indian Roads, Temperatures & Fast Charging.

MODEL DETAILS

Cell Chemistry	Nominal Voltage (V)	Nominal Capacity (Ah)	Technology
LFP/NMC	48	60.0	Cylindrical & Prismatic
	48	80.0	
	48	100.0	

FEATURES

- Quick Charge
- 100% Charge / Discharge Efficiency
- No Maintenance
- Plug & Play Battery
- Built-in BMS for Protection
- Eco-Friendly
- Customizable Enclosure
- Digital Display Available (SOC)
- GPS
- Easy Swapping



WAAREE LI-ION FOR 2-WHEELERS

WAAREE

LI-ION TWO WHEELER BATTERIES

Confirming to Highest Safety Standards, EV Battery Packs are designed for rough Indian Roads, Temperatures & Fast Charging.

MODEL DETAILS

Cell Chemistry	Nominal Voltage (V)	Nominal Capacity (Ah)	Technology
LFP/NMC	48	20.0	Cylindrical & Prismatic
	48	40.0	
	26	9.0	
	26	9.0	

FEATURES

- Quick Charge
- Mechanical Locking Arrangement
- IP-65 Compliant
- Plug & Play Battery
- Built-in BMS for Protection
- Eco-Friendly
- Customizable Enclosure
- Digital Display Available (SOC)
- GPS
- Easy Swapping



LOCATED PAN INDIA

WAAREE



The map shown here is just for representation purpose and not to the scale. The map updated as on May-2019

WAAREE PV POWER LLP

602, Western Edge-1, Off Western Express
Highway, Borivali (E), Mumbai-400066

Maharashtra. INDIA

Tel : +91-22-6644 4444

Website: www.waaree.com

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