

ਹੀਰੋ ਇੰਡੀਆ



**INVERTER BATTERIES | SOLAR BATTERIES
AUTOMOTIVE BATTERIES | EV BATTERIES**

www.heroindia.in

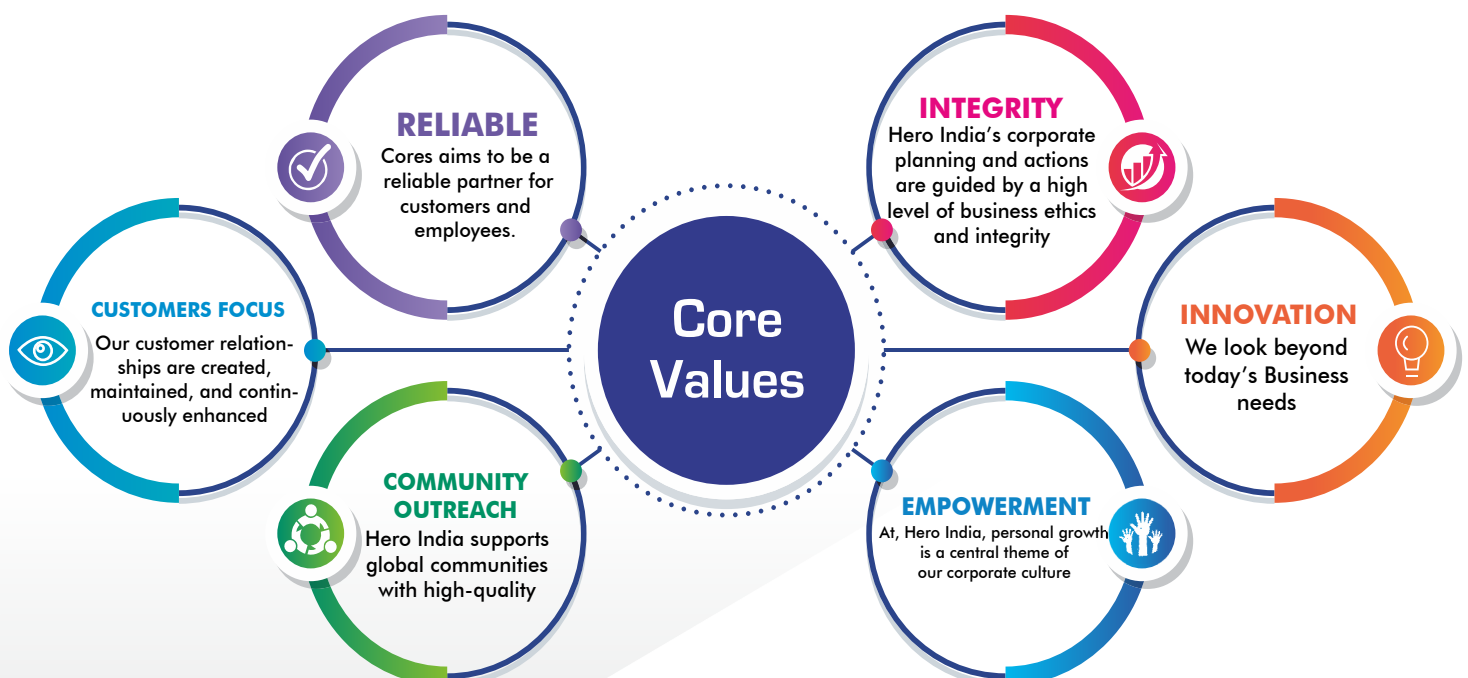
About Us

Mission

To rise above the competition and illuminate the power industry with our state of art products and services while serving the global community on our pursuit for greatness.

Our Purpose

To provide clean and reliable energy storage solutions that enhance the way people live and work around the world.



50 Years of Excellence



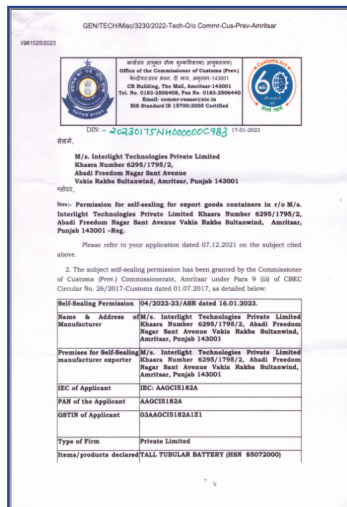
Our Global Presence

Hero India has shaped a global footprint in over 30 countries with dedicated distributors and dealer networks.

The best practices are incorporated to ensure that regardless of where the customer is situated, the same customer experience is guaranteed. In both emerging and major markets, Hero India offers solutions with the most advanced technology and best innovations in the Solar sector and Energy Storage sector. Hero India a reputed brand worldwide.

We Certified

Certified By
ISO9001:2015 AND ISO14001:2015



Why should you choose Hero India Batteries ?

Hero India highly valued and strictly control the product quality, the production process adopted international general standards . It have respectively passed the ISO9001, CE,ISO14001approval in the quality control system and environment system, Meanwhile it be approved by QCI and the complete IEC61427-1 testing etc.

The products are well known in field of storage battery as stable quality and performance especially good starting performance at low temperature which highly are popular with customers living in India and around the world.

The products are widely used in Home Appliances, Power Back-up, Office Equipment, Security Instruments, Emergency Lightning & Solar applications. They have a good reputation in domestic and foreign markets. More than 50% sale is for overseas market.

We has been always taking a objective that seek better on quality, chase develop on sincerity to create reliable brand in field of batteries with good quality and service.



Research & Development

Driven by Since 1975

UNIQUE FEATURES:

- ✓ Advance Tubular Plate Technology
- ✓ Thicker & Wider Positive spines for longer life
- ✓ Special additives and optimized negative paste recipe for faster charge acceptance
- ✓ Usage of High Pure Low Antimonial Alloy for Ultra low maintenance
- ✓ High porous & Oxidation resistance gauntlet for extra back up & long life

Alloy	: Deep Dischargeable & higher life cycle due to low antimony alloy. Ultra Low Maintenance.
Spine	: High pressure di-casted spine which lead to less corrosion and higher life cycle. Thick Spine Die which lead to less corrosion and higher cyclic life.
Separators	: Low Electrical resistance & high porosity polyethylene material, less water loss, which leads to increase in electrical performance.
Gauntlets	: Improved woven gauntlets gives higher active materials utilization & higher capacity & High porosity with low electrical resistance results in better charge efficiency.
Charging	: Automatic PLC based high precession ADOR chargers used to optimum charging programming, data logging and monitoring through PC with help of Temp controller of water tub charging technology .

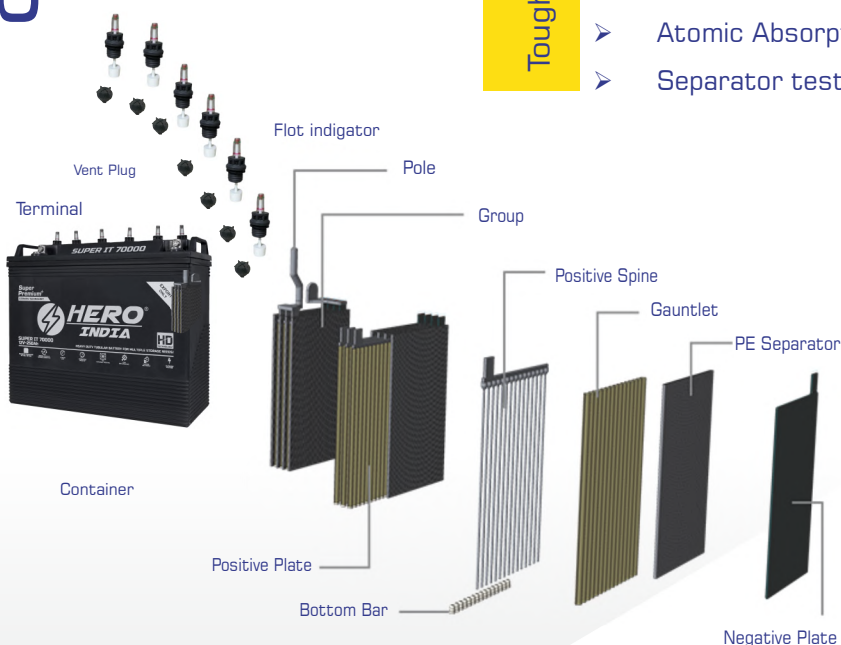
POWER

Unlimited

Tough DESIGN

RESEARCH CENTRE

- HRD tester.
- Cold chamber.
- Battery line tester.
- Container testing facilities.
- Optical Emission Spectrophotometer (ORS).
- Atomic Absorption Spectrophotometer (AAS).
- Separator testing facilities Multi-channel life cycle tester.



Rigid
CONSTRUCTION

OUR STRENGTH



Presence Across
30+ Countries

Among top **5** Batteries
Exporters from India



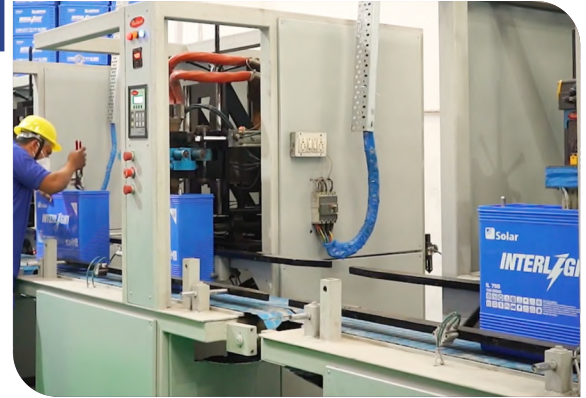
Team Size of **500**
Professionals



3 Manufacturing
Plants



Fully Automated Manufacturing Unit



HERO BATTERY INDUSTRIES (HBI) is a leading manufacturer of energy storage and solar solutions. Among the wide range of product segmentation, HERO INDIA offers varied range of products in batteries like Tall Tubular Batteries & Solar Batteries. The Batteries that we offer ranges from 150Ah to 250Ah. Fully Automatic Heat-sealing Machine is designed to seal the lids to battery container. A reliable heating system, precise box positioning, depth of melting and compression rate adjustments permit consistent and high quality seal. All the machine positional settings, temperatures and times are stored safely and can be accessed from the recipe recall functions. Efficient Production and High Productivity Up to 3 Batteries / Minute and High Standards for Health, Safety and Environment. Automatic Leak Testing machine is designed to test all types of automotive and industrial batteries, made of hard rubber or polypropylene, to ensure that there is no air leakage, either on the external or inter-cell walls. During the paste mixing process, lead oxide, water, acid, and other chemicals are blended in the mixer to form a thick paste. It is most important process in battery manufacturing and highly affects the quality and life of battery. The paste-mixing machine is fully automatic and PLC controlled. Pasting Machine is designed for all kinds of battery plates with high machine running performance and productivity. It provides optimized paste consumption. With the help of vacuum grid feeder, pneumatic lift system and adjustable trowel rollers machine reach maximum production capacity.

TALL TUBULAR BATTERY

Features

- Special Selenium alloy grid, casted at high pressure by pressure dye casting machine (PDC) for void free structure to provide longer life.
- 99.99% pure active material with finest quality red lead.
- Extra strong, flexible oxidation-resistant gauntlet for higher performance.
- Special Thick P.E separators are used to increase the efficiency & life.

Benefits

- Long design life
- Very low maintenance
- Can handle extreme weather conditions
- Rugged Performance
- Longer life without charging



Range available: 160Ah to 350Ah

TECHNICAL DATA

TALL TUBULAR SERIES

Type of Battery	Normal Voltage	Capacity@C20at 27°C-Ah	Dimensions mm (LxWxH)+/-3mm	Gross Battery weight+/-3% [Kg]	Battery Layout	Battery Color
HI 25000	12	160	474X190X445	57	- □ □ □ □ □ +	RED
HI 45000	12	200	474X190X445	60	- □ □ □ □ □ +	BLUE
HI 75000	12	250	474X190X445	63	- □ □ □ □ □ +	GREY
HI 95000	12	350	506X190X479	76	- □ □ □ □ □ +	BLUE

Technical Specifications Are Subject To Change Without Prior Notice.

Conditions Apply*

Features

- Special Selenium alloy grid, casted at high pressure by pressure dye casting machine (PDC) for void free structure to provide longer life.
- 99.99% pure active material with finest quality red lead.
- Extra strong, flexible oxidation-resistant gauntlet for higher performance.
- Special Thick P.E separators are used to increase the efficiency & life.

Benefits

- Long design life
- Very low maintenance
- Can handle extreme weather conditions
- Rugged Performance
- Longer life without charging



Range available: 150Ah-200Ah

TECHNICAL DATA

SOLAR TUBULAR BATTERIES

Type Of Battery	Normal Voltage	Capacity@C10at 27°C-Ah	Dimensions mm (LxWxH)+/-3mm	Gross Battery weight+/-3% [Kg]	Battery Layout	Battery Color
HIS 15060	12	150	474X190X445	60	- □ □ □ □ □ □ +	Blue
HIS 20060	12	200	506X190X479	76	- □ □ □ □ □ □ +	Blue

Technical Specifications Are Subject To Change Without Prior Notice.

Conditions Apply*

AUTOMOTIVE BATTERIES



Why HERO BATTERIES are the Best

Our Automotive range is manufactured on a state of the fully automatic battery assembly line with advanced Japanese Technology is applied while designing our batteries, ensuring optimum performance, extremely long life, reliable and resistance to typically abusive Indian roads and climate.

TECHNICAL DATA

AUTOMOTIVE CAR BATTERIES

Battery Type	Ah	Capacity		Dimensions			CHG.AMPS
		C20	C5	LENGTH	WIDTH	HEIGHT	
HI-400R-(46B20R]	35Ah	35	29	195	127	223	3.5
HI-400L-(46B20L]	35Ah	35	29	195	127	223	3.5
HI-400LBH	35Ah	35	29	195	127	223	3.5
HI-400RBH	35Ah	35	29	195	127	223	3.5
HI-600(60B24L]	45Ah	45	37	238	129	227	4.5
HI-700(90D23L]	70Ah	70	47	231	177	225	6
HI750R (N50Z-R)	70Ah	70	58	260	172	229	7
HI-750L(N50Z-L]	70Ah	70	58	260	172	229	7
HI-DIN50LMF	50Ah	50	42	207	175	190	5
HI-DIN60LMF	60Ah	60	50	242	175	190	6
HI-DIN65LMF	65Ah	65	54	278	175	195	6.6

Technical Specifications Are Subject To Change Without Prior Notice. Conditions Apply*

AUTOMOTIVE COMMERCIAL BATTERIES

Battery Type	Ah	Capacity		Dimensions			CHG.AMPS
		C20	C5	LENGTH	WIDTH	HEIGHT	
HI-800	80Ah	80	66	302	170	224	8
HI-1250	125Ah	125	102	410	170	230	11
HI-1450	145Ah	145	110	505	182	257	12
HI-1600	160Ah	160	125	508	222	257	15
HI-2000	200Ah	200	165	521	278	270	18

Technical Specifications Are Subject To Change Without Prior Notice. Conditions Apply*

Hero Batteries A Life Of Zero Maintenance

get more power with Hero India zero maintenance batteries. every Hero India maintenance battery is made of a premium alloy composition imported from Pasminco Australia. the amazingly special high grade alloy gives Hero India batteries a very long life and trouble free service. Hero India satisfied the demand of zero maintenance zero top-ups and a very long life



Durable & Robust Design



High Cranking Power



Optimized Grid Structure



Maintenance Free



Improved Safety



Vibration Resistance



Factory Charged Ready To Use



High Heat Tolerance



Highest Reserve Capacity

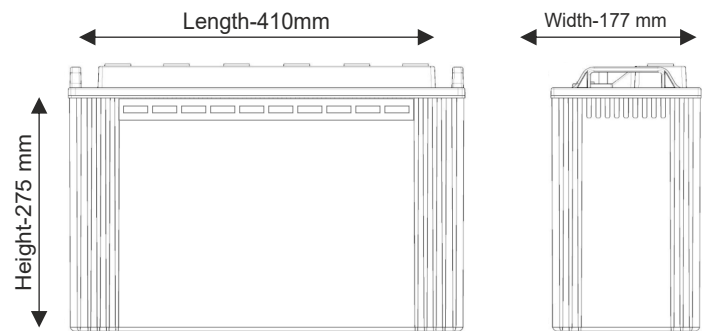


Long Life

Super Premium+

E-RICKSHAW BATTERIES

LongLife
HEAVY DUTY



TECHNICAL DATA

Type of Battery	Nominal Voltage	Capacity @C20 at 27°C	Overall Dimension			Battery Layout
			Length +/- 3mm	Width +/- 3mm	Height upto float top +/- 3mm	
	(V)	(Ah)	(mm)	(mm)	(mm)	
HI1509ER	12	150	410	177	275	-[]+
HI15015ER	12	150	410	177	275	-[]+

Technical Specifications Are Subject To Change Without Prior Notice.

Conditions Apply*

Product Features :-

- Robust Tubular with High Pressure diecasted spine- resulting low rate of spine corrosion.
- Spill Proof Vent plug – resulting in no spillage on top and low controlled acid fumes.
- Optimized Negative paste receipt for fast charge acceptance
- Consistent backup throughout life
- Excellent behaviour in PSOC condition as compare
- Low Self Discharge
- Excellent performance on deep cyclic application as compare to AGM VRLA
- Patented Design & Service Life
- Low water loss.



APPLICATIONS



• Electric Vehicles • E-Rickshaw

NO
INTERNAL PACKING

LOW
MAINTENANCE

FASTER
RECHARGE

SUPERIOR
VOLTAGE

PATENTED CONTAINER
287292, 287295

PARTIAL STATE OF
CHARGE CONDITION

LONGER
LIFE

INCREASED
BACK-UP

MEETS IEC 61427-1 SPECIFICATIONS



HERO BATTERY INDUSTRIES

358, Focal Point
Amritsar, Punjab, India, 143001
+91 9216773306 | sales@heroindia.in

