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**PRODUCT CATALOGUE**

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**ONE COMPANY MULTIPLE SOLUTIONS**

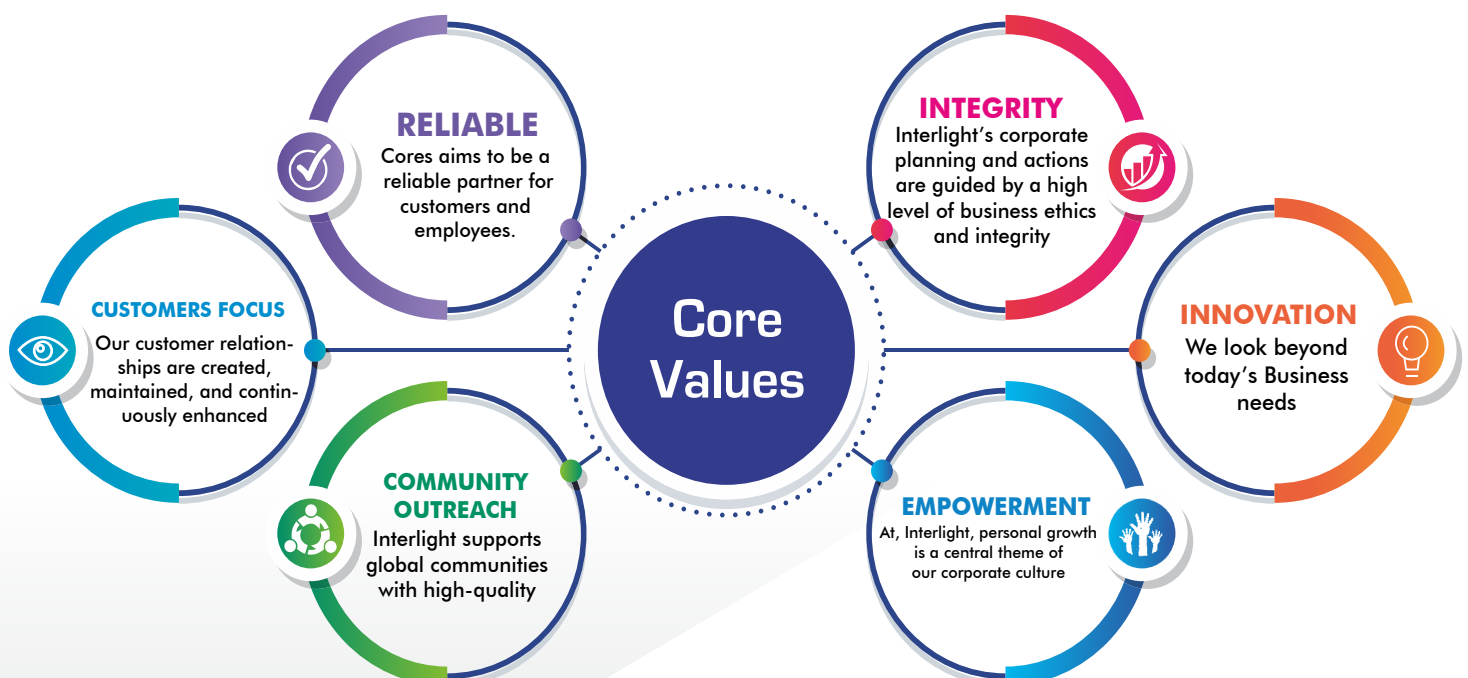
## About Us

## 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



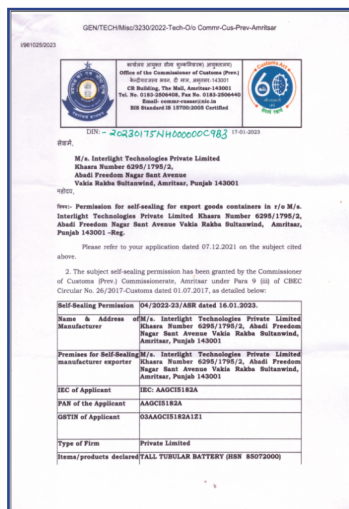
### Our Global Presence

Interlight has shaped a global footprint in over 24 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, Interlight offers solutions with the most advanced technology and best innovations in the Solar sector and Energy Storage sector. Interlight a reputed brand worldwide.

# We Certified

## Certified By ISO9001:2015 AND ISO14001:2015



## Why should you choose Interlight Batteries ?

Interlight highly valued and strictly control the product quality, the production process adopted international general standards . It have respectively passed the ISO9001, CE,ISO14001 approval 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

<b>Alloy</b>	: Deep Dischargeable & higher life cycle due to low antimony alloy. Ultra Low Maintenance.
<b>Spine</b>	: 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.
<b>Separators</b>	: Low Electrical resistance & high porosity polyethylene material, less water loss, which leads to increase in electrical performance.
<b>Gauntlets</b>	: Improved woven gauntlets gives higher active materials utilization & higher capacity & High porosity with low electrical resistance results in better charge efficiency.
<b>Charging</b>	: 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 .

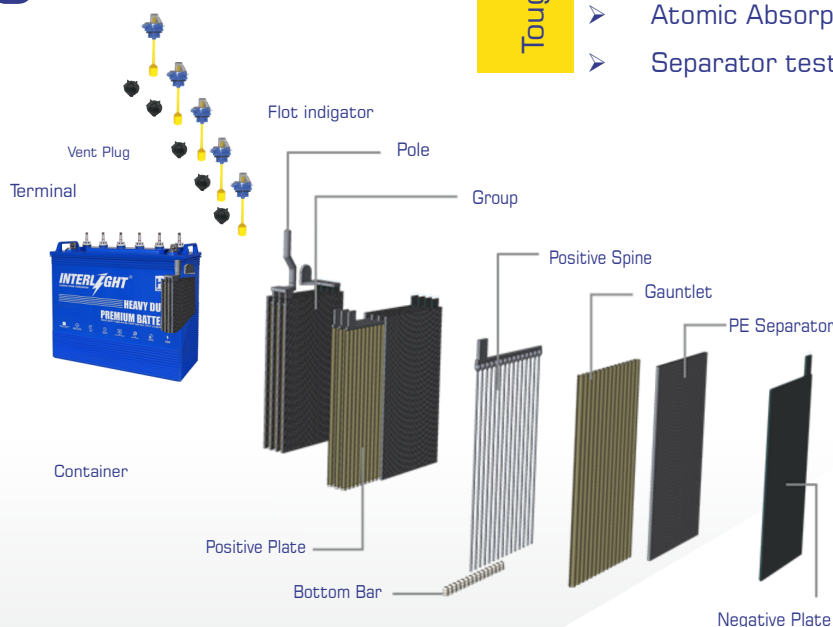
POWER

Unlimited

Tough DESIGN

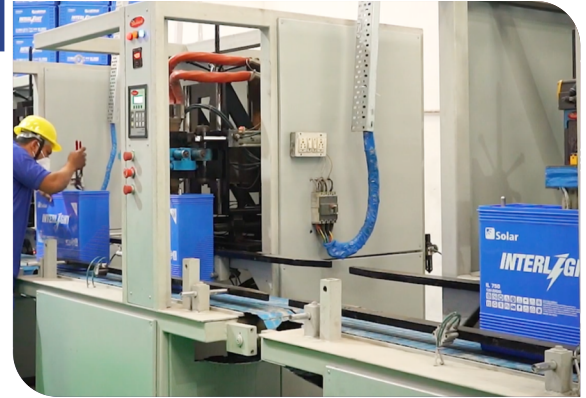
## RESEARCH CENTRE

- 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

## Fully Automated Manufacturing Unit



**INTERLIGHT TECHNOLOGIES PRIVATE LIMITED (ITPL)** is a leading manufacturer of energy storage and solar solutions. Among the wide range of product segmentation, INTERLIGHT offers varied range of products in batteries like Tall Tubular Batteries, Solar Batteries. The Batteries that we offer ranges from 85Ah to 320Ah. 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.





## GET MORE PRODUCT INFORMATION



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