

STARKA®



OUR LIGHTING SOLUTIONS ARE ENGINEERED TO ENHANCE
YOUR ROAD SAFETY IN EVERY ENVIRONMENT.



Sunset to Sunrise – We Keep You Lit™



We offer a FREE DEMO SAMPLE of our SOALR STREET LIGHT AND OTHER AC/DC LIGHTING products.

HOW THE FREE DEMO WORKS:

Step 1. Order and Pay: Simply place an order for the product you wish to demo and make a payment for the sample.

Step 2. Test the Product: Test the light output and battery backup within 10 days of receiving it.

Step 3. Return for a Refund: If you are not satisfied with the product's performance, just ship the sample back to our factory.

Step 4. Get Your Money Back: Once we receive the sample at our factory, we will refund 100% of the amount you paid for it.

➤ DEMOS ARE AVAILABLE FOR:

- ✓ Solar Street Lights
- ✓ All-in-one Solar Lights
- ✓ AC Street & Flood Lights
- ✓ Solar High-mast
- ✓ Decorative lights
- ✓ Lithium Battery



FOUNDED

IN 2017

STARKA was founded to deliver **sustainable and high-efficiency solutions in solar lighting**.

Our purpose is to create a cleaner, greener future for everyone.

By manufacturing excellent *Solar Lighting* products, we aim to provide affordable and clean energy solutions to communities and the planet.

WHO WE ARE

STARKA® is a leading Indian manufacturer specializing in Solar Street Lighting & Lithium Battery Packs. With innovation at the heart of our operations, we deliver high-performance, eco-friendly energy solutions to public infrastructure, commercial, and industrial sectors.

Driven by a passion for sustainability and technology, STARKA® was established to contribute meaningfully to India's clean energy goals. Our products are engineered to provide long-lasting, reliable, and efficient energy—supporting the transition to smart and green infrastructure.

VISION

To be a globally recognized provider of innovative renewable energy solutions that drive sustainable development.

MISSION

To deliver high-quality solar and energy storage products that exceed customer expectations.

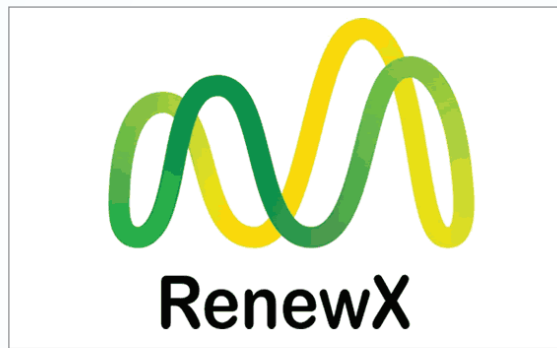
- To lead technological advancements in off-grid and hybrid solar solutions.
- To empower communities and businesses through reliable, clean



Our **OUR COMPANY'S**
PARTICIPATION *in the* **EXHIBITION**
WAS A GREAT SUCCESS



India Green Energy Expo 2024
LOCATION: BANGLORE



RenewX 8th Edition 2024
LOCATION: HYDERABAD



Chhattisgarh Solar Expo 2024
LOCATION: RAIPUR



Green Bharat Expo 2025
LOCATION: BHOPAL



Chhattisgarh Solar Expo 2025
LOCATION: RAIPUR

Our **MANUFACTURING FACILITY** HAS THE *Best* **NEW EQUIPMENT**

Our state-of-the-art manufacturing facility is built to create high-quality products.

We use Advanced Battery Cell Testing Units to check that our power sources are reliable. For precise building, we have Advanced Spot Welding Machines and a High-Efficient Drilling Cutting Machine. The facility also includes tools for PCB Design & Embedded Systems Testing to create and test the electronic parts. A Laser Printing Machine ensures clear and accurate labeling for all components.

We also have an in-house R&D team that works on making our products better, more energy-efficient, and smarter. This helps us stay at the forefront of technology and innovation.



› Advanced Battery Cell Testing Units



› Advance Spot Welding Machines



› Hi Efficient Drilling Cutting Machine



› PCB Design & Embedded Systems Testing



› Laser Printing Machine



› Assembly line

Our CERTIFICATIONS & COMPLIANCE



Capacity Test Report
Product: Lithium Battery
IS 16047-3 : 2018



IP65
Product: Solar Street Light
IEC 60529:1989 + A1:1999 + A2:2013 (IP65 & IPX6)



IK08
Product: Solar Street light
IEC 62262:2002/AMD1:2021



EMI/EMC Test
Product: Solar Street light
IEC61000-4-3-2010



LM79
Product: Flood Light
IES LM-79:08



IK08
Product: Flood Light
IEC 62262 2002+AMID1:2021



LM79
Product: Flood Light
IEC 60529



BIS
Product: Flood Light
IS 10322(Part 5/Sec 5) : 2023



BIS
Product: Steet Light
IS 10322(Part 5/Sec 3) : 2023

Our products have over **20+ certifications**, which can help you secure government contracts and other projects.

Semi-Integrated Solar street light



We also provide **CUSTOMIZATION** as per your requirements.

› Light wattage › Battery capacity › Panel wattage

➤ **Product wattage available***
9w to 30w

➤ **Warranty options***
2 & 5 years

➤ **Certification**

- BIS approved
- LM79
- IP65
- ISO

➤ **Specification**

- BIS approved panel
- High lumens led
- Lithium ferro phosphate battery
- Dusk to Dawn sensor
- High strength structure



Applications: They are great for lighting up larger areas like rural roads, commercial parking lots, and industrial parks, because the separate solar panel can be adjusted to get the most sunlight.

Benefits: This design is flexible and allows you to use bigger solar panels and batteries, which means more powerful and reliable lighting for longer periods, even on cloudy days.

➤ **INCLUDED WITH THE PRODUCT:**

- ✓ Luminary
- ✓ Lithium phosphate battery
- ✓ Solar Panel
- ✓ Structure
- ✓ Pole &
- ✓ Accessories

Scan to download



Semi-Integrated
Catlog



Product Video



Third-party
Installation
Service



Low Cost
After Warranty
Service

ALL In ONE Solar street light



We also provide **CUSTOMIZATION** as per your requirements.
› Light wattage › Battery capacity › Panel wattage



Applications: They are used to light up smaller areas like residential streets, parks, and pathways.

Benefits: Their all-in-one design makes them very easy and quick to install with no complicated wiring, and they are protected from theft.

➤ INCLUDED WITH THE PRODUCT:

- ✓ Luminary
- ✓ Lithium phosphate battery
- ✓ Solar Panel
- ✓ Pole

➤ **Product wattage available***
9w to 30w

➤ **Warranty options***
2 & 5 years

➤ **Certification**

- BIS approved
- LM79
- IP65
- ISO

➤ **Specification**

- BIS approved panel
- High lumens led
- Lithium ferro phosphate battery
- Dusk to Dawn sensor
- High strength structure



Third-party
Installation
Service



Low Cost
After Warranty
Service

Solar LED HIGH-MAST



We also provide **CUSTOMIZATION** as per your requirements.

› Light wattage › Battery capacity › Panel wattage

➤ **Product wattage available***
9w to 360w

➤ **Warranty options***
2 & 5 years

➤ **Certification**
- BIS approved
- LM79
- IP65
- ISO

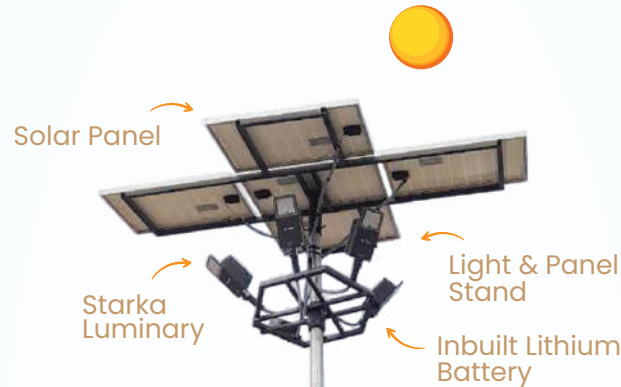
➤ **Specification**
- BIS approved panel
- High lumens led
- Lithium ferro phosphate battery
- Dusk to Dawn sensor
- High strength structure



Third-party
Installation
Service



Low Cost
After Warranty
Service



Applications: They are used to light up smaller areas like residential streets, parks, and pathways.

Benefits: Their all-in-one design makes them very easy and quick to install with no complicated wiring, and they are protected from theft.

➤ **INCLUDED WITH THE PRODUCT:**

- ✓ Luminary
- ✓ Lithium phosphate battery
- ✓ Solar Panel
- ✓ Pole

Scan to download



High-mast Catalog



Product Video

Solar LED TRAFFIC BLINKER



We also provide **CUSTOMIZATION** as per your requirements.

› Light wattage › Battery capacity › Panel wattage

▶ **Working hour**
12 hour - 24 hour

▶ **Warranty options***
2 & 5 years

▶ **Available Colour**
● ● ●

▶ **Certification**
- IP65
- ISO

▶ **Specification**
- BIS approved panel
- High lumens led
- Lithium ferro phosphate battery
- Dusk to Dawn sensor
- High strength structure



Third-party
Installation
Service



Low Cost
After Warranty
Service



Applications: A solar LED blinker is used to warn drivers of road hazards, construction zones, and sharp turns, improving safety.

Benefits: A solar LED blinker's function is to flash a bright light to get attention and alert people to a specific situation or area.

▶ INCLUDED WITH THE PRODUCT:

- ✓ Blinker
- ✓ Lithium phosphate battery
- ✓ Solar Panel
- ✓ Structure
- ✓ Pole &
- ✓ Accessories

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Traffic Blinker
Catlog



Visit Website

DECORATIVE *Solar* LED STREET LIGHT



We also provide **CUSTOMIZATION** as per your requirements.
› Light wattage › Battery capacity › Panel wattage

STARKA decorative solar LED street lights are designed to be both **stylish and functional**. They use solar power to light up outdoor spaces like **parks and pathways**, offering an efficient and eco-friendly lighting solution. With a durable build and long-lasting LED bulbs, these lights provide reliable illumination without needing a connection to the electric grid.

➤ Certification

- IP65
- ISO

➤ Specification

- BIS approved panel
- High lumens led
- Lithium ferro phosphate battery
- Dusk to Dawn sensor
- High strength structure



Third-party
Installation
Service



Low Cost
After Warranty
Service



➤ INCLUDED WITH THE PRODUCT:

- ✓ Decorative luminary
- ✓ Lithium phosphate battery
- ✓ Solar Panel
- ✓ Decorative Structure
- ✓ Decorative Pole &
- ✓ Accessories

Scan to download



Decorative Solar
Catlog



Product Video

AC/DC LED Light RANGE

Starka offers a range of both AC and DC LED street lights, which operate differently. The DC lights, typically used for their solar-powered systems, run on 12V and are highly energy-efficient, while their AC lights are designed to connect to the main electrical grid and come in various wattages from 9W to 200W.



- **Flood Light**
- Available Mode: AC/DC



- **Flood Light**
- Available Mode: AC/DC



- **Flood Light with Inbuilt battery**
- Available Mode: DC



- **Flood Light with Inbuilt battery**
- Available Mode: DC



- **Street Light with Inbuilt battery**
- Available Mode: DC



- **Street Light**
- Available Mode: AC/DC



- **Street Light**
- Available Mode: AC/DC

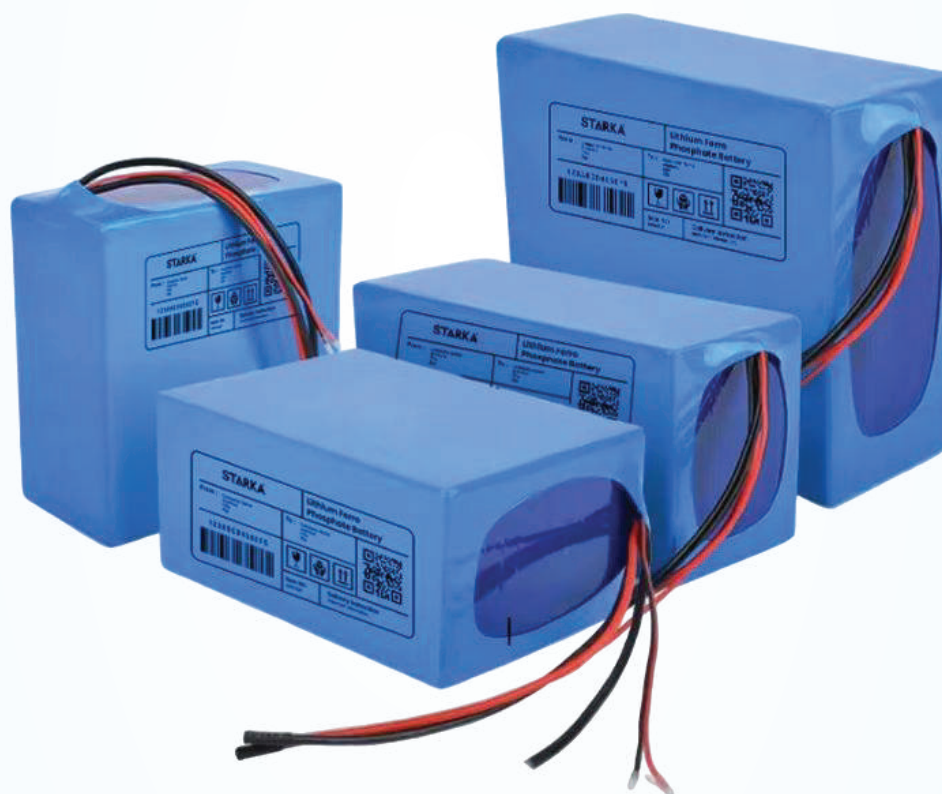


- **Street Light**
- Available Mode: AC/DC

LITHIUM FERRO PHOSPHATE [LiFePO₄] *Battery Pack* 12.8V

The STARKA 12.8V LiFePO₄ battery pack, which is valued for its long life and safety. This type of battery is a dependable choice for providing power all night long, even after a full day of charging.

- **Available Capacity**
6 Ah - 102 Ah
- **Warranty options***
2 & 5 years
- **Technology Details**
 - Battery Type: LiFePo₄
 - Nominal Voltage: 12.8 V
 - Individual Cell Capacity: 3.2 V, 6000 mAh
 - Cycle: 2000
- **Dimension (Customizable)**
 - Flat 
 - Cube 



Scan to download



Battery Catlog



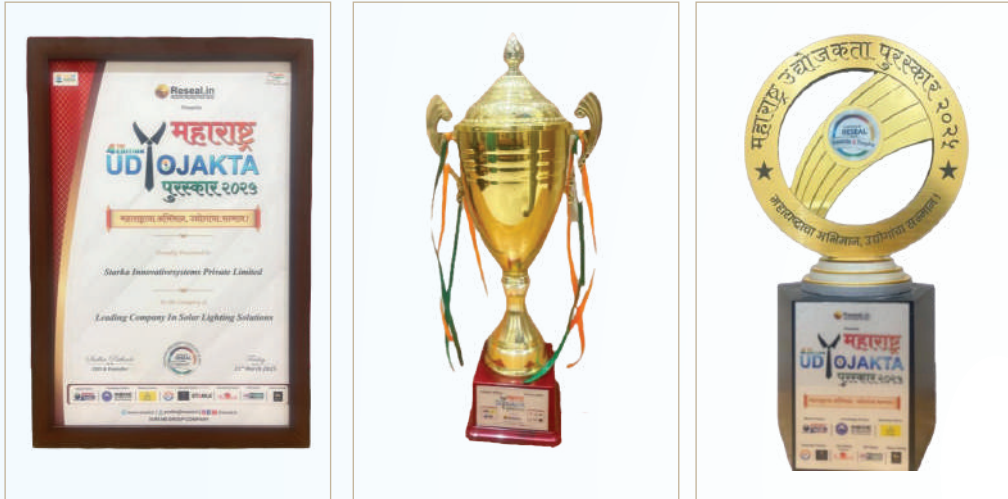
Product Video



We can **CUSTOMISE** *the* Battery **CAPACITY & SIZE** according to the customer's & project requirements.

Our AWARD & ACHIEVEMENT

■ Awarded: Maharashtra udyojakta puraskar 2025



STARKA has been recognized in the solar lighting industry for its significant contributions and quality work. The company was honored with the **Maharashtra Udyojakta Puraskar 2025**, a testament to its outstanding performance in the field.

This award was given for their **Innovative & Effective solutions in solar lighting**. STARKA's modern and efficient solar lights have helped bring electricity to rural and remote areas. The products are known for their durability and affordability.

■ Awarded: State leadership awards telangana 2025



Honored as the **Company of the Year** - Solar Lighting Solutions at the **Solar & Storage Summit 2025: Telangana!**

This prestigious recognition highlights their outstanding contributions to advancing solar lighting technology, driving innovation, efficiency, and sustainability in the renewable energy sector

This recognition also highlights their social impact, as they have brightened the lives of many families. The awards are a result of the STARKA team's hard work and forward-thinking vision. This honor will surely motivate them to continue their excellent work in the future.

Our CLIENTS

At STARKA, we are proud to serve a diverse range of clients who trust our innovative solutions. Their continued partnership inspires us to deliver excellence in every project.



SPAN PUMPS
PRIVATE LIMITED



रक्षा मंत्रालय
MINISTRY OF
DEFENCE



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