

XERA TECH

Illuminating Innovation Since 2016

Nashik - Maharashtra

connect@xeratech.in | xeratech.in

About Xera Tech

Xera Tech, since 2016, has been a leading manufacturer of top-quality LED street lights and flood lights. Established in Nashik, we have emerged as a premier manufacturer of innovative LED lighting solutions with our state-of-the-art manufacturing facility and unwavering commitment to innovation.

Our journey began with a vision to revolutionize the lighting industry in India by providing energy-efficient, high-quality LED products that meet international standards while remaining accessible to the Indian market. Known for their sturdy design, damage resistance, perfect brightness, easy usability, and durability, our lights are designed in-house with the best available resources and workmanship.

"At Xera Tech, we believe in delivering more than just lighting products. We're committed to providing energy-efficient solutions that help our customers reduce their carbon footprint while ensuring optimal illumination for their spaces."

Why Choose Xera Tech?

- ✓ **Since 2016:** 10+ Years of Excellence
- ✓ **In-House Design:** Custom Manufacturing
- ✓ **Quality Assured:** International Standards
- ✓ **Certified:** PWD, ERDE, MNRE, BIS, RoHS, ISO 9001, CE
- ✓ **Energy Efficient:** 90% LED Efficiency
- ✓ **Durable:** 50,000+ Hour LED Life
- ✓ **Reliable:** 2 Year Warranty*
- ✓ **Customer First:** Excellent Support

Our Mission

Transforming spaces through efficient and sustainable lighting solutions

Key Features Across All Products

- ✓ High Transparency & Durability
- ✓ Energy Efficiency (90% LED Efficiency)
- ✓ UV Protection & Weather Resistance
- ✓ BIS, RoHS, ISO 9001, CE Certified
- ✓ Easy Maintenance & Installation
- ✓ 50,000+ Hour LED Life
- ✓ 2 Year Comprehensive Warranty*
- ✓ IP66 Protection Rating





18W Decorative Solar Street Light

Xera Tech
Professional Lighting
Solutions

Decorative Street Light - Solar

SKU: SSL-DEC-18

The 18W Decorative Solar Street Light by Xera Tech combines renewable solar energy with artistic elegance. Featuring a 60W mono-crystalline solar panel, an 18Ah LiFePO4 (Lipo4) battery for reliable all-night performance, and an 18W LED luminaire, this light is mounted on a specially designed decorative arm with intricate floral mandala and gold leaf motifs on the pole panel. Completely off-grid and self-sufficient, it is ideal for gardens, heritage streetscapes, temple premises, residential societies, and rural electrification where grid connectivity is unavailable or undesirable.

18W

Power

IP65

Protection

50,000 hr

LED Life

2 Years

Warranty

Electrical Specifications

Power Consumption:	18W
Operating Voltage:	18W LED
Voltage Range:	12V DC (Battery Operated)
Frequency:	N/A
Power Factor:	≥ 0.95
Surge Protection:	6kV (Internal)

LED & Optical Specs

LED Efficiency:	90%
LED Life:	50,000 hr
CRI:	≥ 80
Beam Angle:	120°
Light Color:	White
LED Type:	3030

Physical Dimensions

Product Size (H×W×D):	4800×1200×300mm
Package Size (H×W×D):	4500×600×400mm
Weight:	28000g
Housing:	Aluminium Die Cast LED Head
Body Color:	Matte Black with Gold Leaf Accents

Environmental & Installation

IP Rating:	IP65
Operating Temperature:	-20°C to 50°C
Product Shape:	N/A
PIR Sensor:	If Required
Mounting Frame:	Required

Driver & Control Specifications

Driver Type:	Isolated	Driver Life:	2 Years
Driver Efficiency:	90%	Solar Panel:	60W Mono-Crystalline
Driver Life:	2 Years	Battery:	18Ah LiFePO4 (Lipo4)
		Charge Controller:	MPPT

Key Features

- ✓ 60W Mono Solar Panel
- ✓ 18Ah LiFePO4 Battery
- ✓ Designer Decorative Arm
- ✓ Floral Mandala Pole Panel
- ✓ Gold Leaf Accent Motifs
- ✓ Completely Off Grid

Applications

- Gardens
- Parks
- Temple Premises
- Heritage Streetscapes
- Residential Societies
- Rural Electrification

Commercial Information

Compliance

HSN Code: 9405 49 00

Certificates: BIS, RoHS, ISO 9001, CE

Customer Segment: Municipal Bodies, Gram Panchayats

