



LFT SERIES

120W



Remote control



Energy saving



Solar charging



High brightness



Outdoor rainproof



High capacity battery



Die-cast aluminum

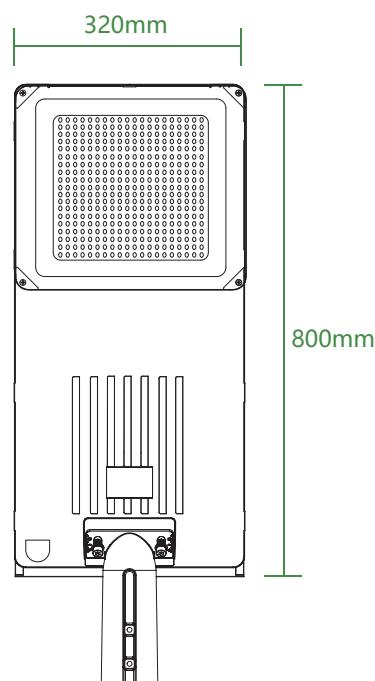


Long service life

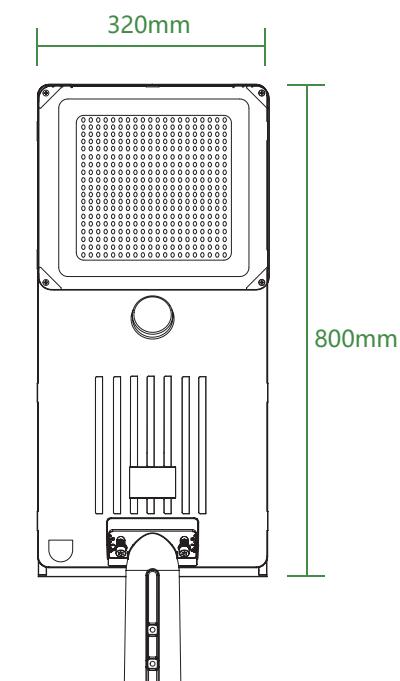
SPLIT SOLAR STREET LAMP

◆ ADC12 die-casting one-piece heat sink, waterproof IP65

PRODUCT SIZE



120W



120W

PRODUCT HIGHLIGHTS

1. High-Efficiency Solar Charging

- Monocrystalline Silicon Solar Panel
- Integrated MPPT Controller for optimized power conversion
- Fast Charging: Full recharge in 4–6 hours

2. User-Friendly Design

- Easy Installation & Maintenance
- Replaceable Battery Compartment for convenient servicing

3. Reliable Energy Storage

- LiFePO₄ Battery
- Extended Backup: Supports 3–5 rainy days without sunlight
- Long Lifespan: 2,500+ cycles | 6–8 years durability



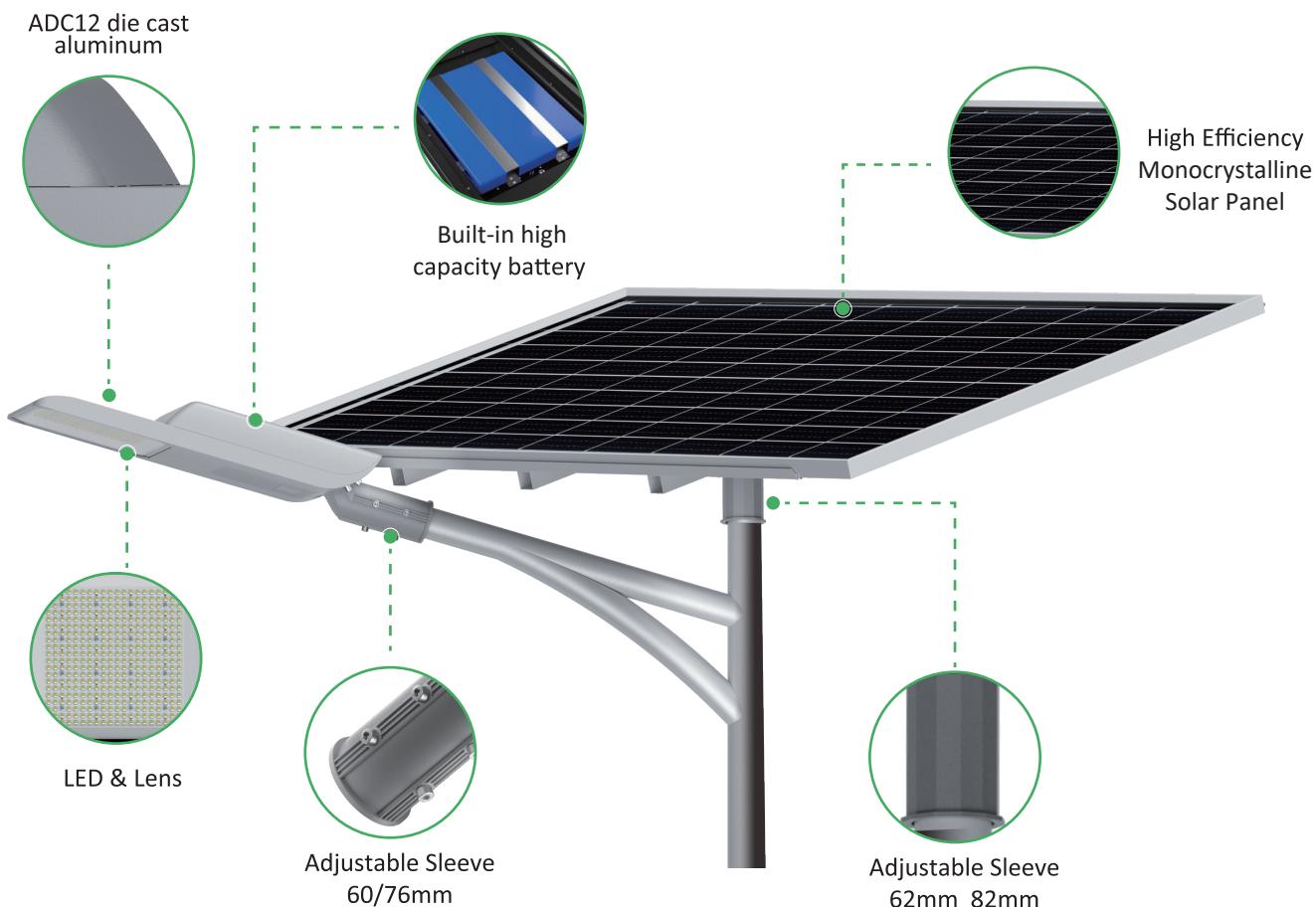
4. Superior Lighting Performance

- High Lumen Output: 180 lm/W efficiency
- Premium LED Chip: Lumileds technology for bright, consistent light
- 50,000-Hour Lifespan

5. Optimal Light Quality

- High-Transmittance Optical Lens
- Soft, Uniform Illumination
- Reduced Glare & Light Pollution

FUNCTION INTRODUCTION



TECHNICAL DATA



LM-80



MODEL NUMBER

LFT-120W

Power	120W
Solar Panel	36V/240W Mono
Battery	Lithium LifePO4 battery 25.6V,45AH, 1152WH
LED	4 cores high efficiency smd 3030 384PCS
Solar Panels Size	1540*760*30mm
Product Size	810*320*95mm
Protection grade	IP66
Efficacy	180LM/W
Solar panel conversion efficiency	23.8%
Luminous Flux	21600LM
Controller	MPPT controller
Light angle	T2 / 3 / 4 / 5 / transmittance: >95%
Cloud platform system management	IoT Control Management System (optional)
Lighting Method	100% for the first 4 hours, 50% for the middle 2 hours, and 30% for the last 6 hours
Discharge time	3 rainy days
Installation Height Recommended	12-15m

APPLICATIONS

- Road Lighting
- Industrial Parks roads
- Highways
- Urban street
- Countryside
- Sidewalk
- Car parks