



# LFT SERIES

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120W



Remote control



Energy saving



Solar charging



High brightness



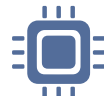
Outdoor rainproof



High capacity battery



Die-cast aluminum

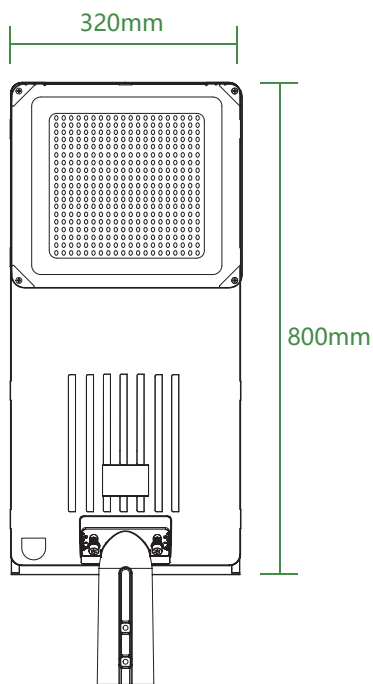
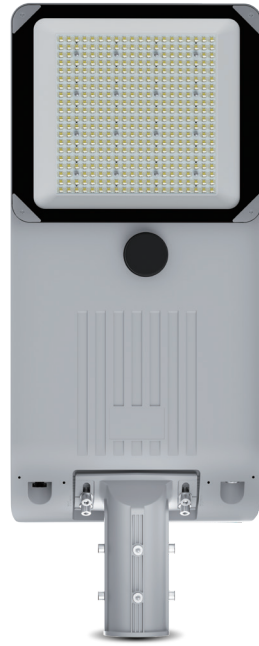


Long service life

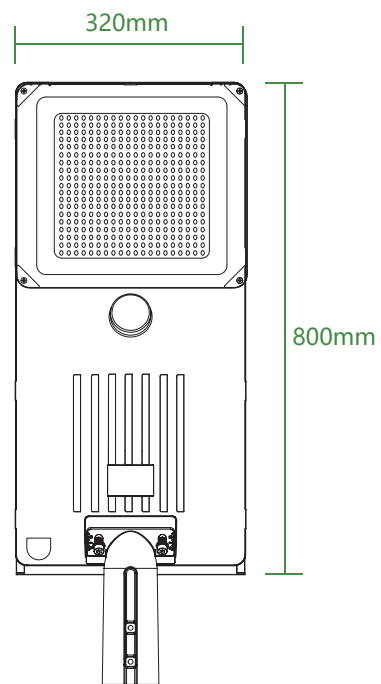
# SPLIT SOLAR STREET LAMP

◆ 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

- LiFePO<sub>4</sub> Battery
- Extended Backup: Supports 3–5 rainy days without sunlight
- Long Lifespan: 2,500+ cycles | 6–8 years durability

## 4. Superior Lighting Performance

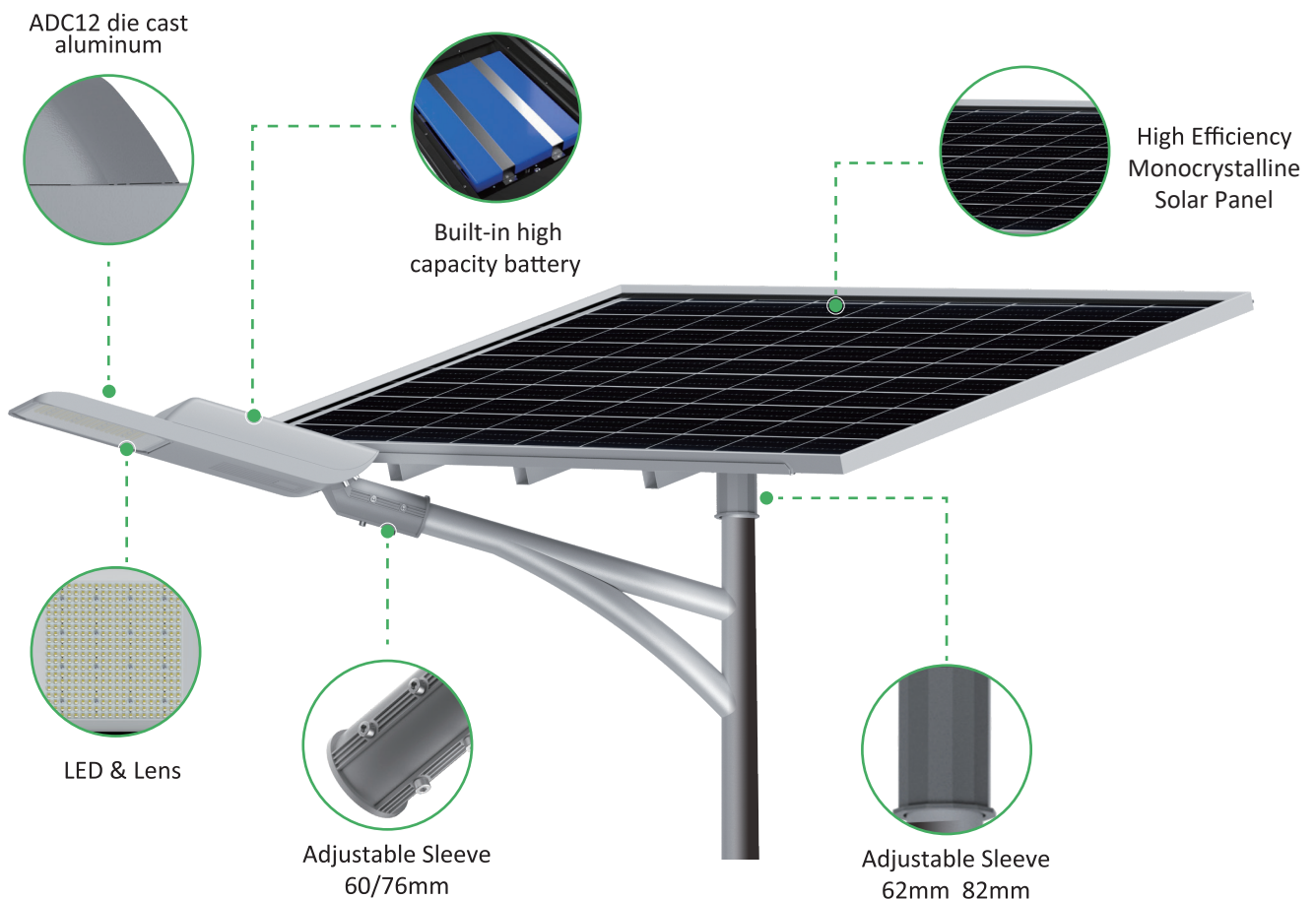
- High Lumen Output: 180 lm/W efficiency
- Premium LED Chip: Lumileds technology for bright, consistent light
- 50,000-Hour Lifespan

## 5. Optimal Light Quality

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



# FUNCTION INTRODUCTION



# TECHNICAL DATA



| MODEL NUMBER                         | LFT-120W   |
|--------------------------------------|--|
| Power                                | 120W   |
| Solar Panel                          | 36V/240W Mono  |
| Battery                              | Lithium LifePO4 battery<br>25.6V,45AH, 1152WH  |
| LED                                  | 4 cores high efficiency<br>smd 3030 384PCS   |
| Solar Panels Size                    | 1540*760*30mm  |
| Product Size                         | 810*320*95mm   |
| Protection grade                     | IP66   |
| Efficacy                             | 180LM/W  |
| Solar panel<br>conversion efficiency | 23.8%  |
| Luminous Flux                        | 21600LM  |
| Controller                           | MPPT controller  |
| Light angle                          | T2 / 3 / 4 / 5 / transmittance: >95%   |
| Cloud platform<br>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<br>Recommended   | 12-15m   |

# APPLICATIONS

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