



Solar Street Lighting



LFT SERIES

60W/80W/100W/120W



Remote control



Energy saving



Solar charging



High brightness



Outdoor rainproof



High capacity battery



Die-cast aluminum

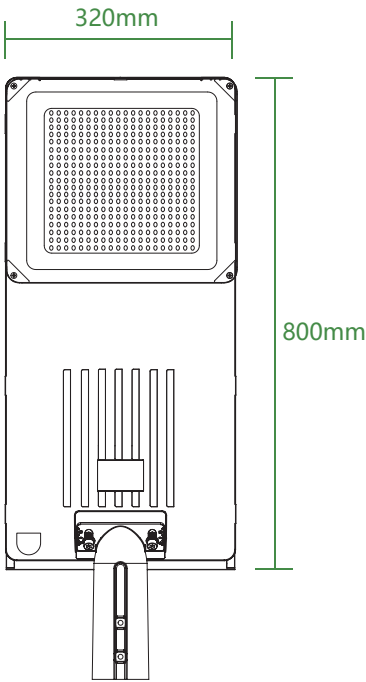


Long service life

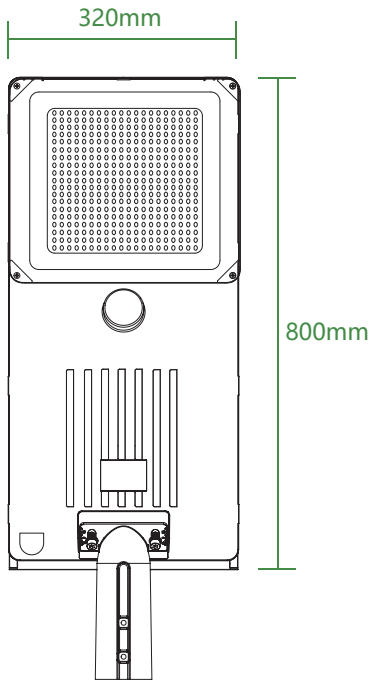
SPLIT SOLAR STREET LAMP

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

PRODUCT SIZE



60W 80W 100W 120W



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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

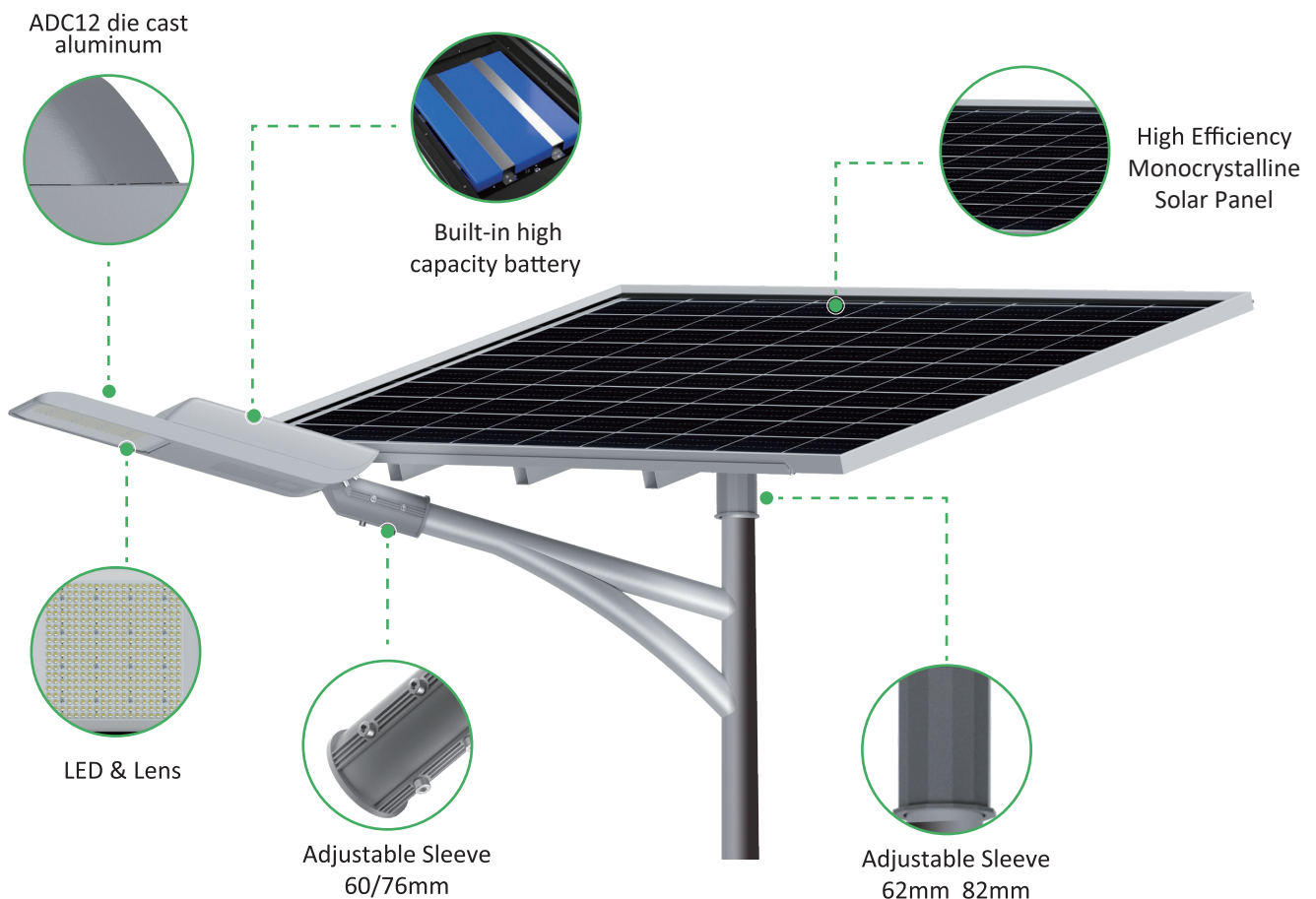
- High Lumen Output: 180 lm/W efficiency
- Premium LED Chip: Lumileds technology for bright, consistent light
- 50,000-Hour Lifespan

5. Optimal Light Quality

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



FUNCTION INTRODUCTION



TECHNICAL DATA



MODEL NUMBER	LFT-60W	LFT-80W	LFT-100W	LFT-120W
Power	60W	80W	100W	120W
Solar Panel	18V/120W Mono	18V/160W Mono	36V/200W Mono	36V/240W Mono
Battery	Lithium LifePO4 battery 12.8V, 45AH, 576WH	Lithium LifePO4 battery 12.8V,60AH, 768WH	Lithium LifePO4 battery 12.8V, 75AH, 968WH	Lithium LifePO4 battery 25.6V,45AH, 1152WH
LED	4 cores high efficiency smd 3030 192PCS	4 cores high efficiency smd 3030 256PCS	4 cores high efficiency smd 3030 320PCS	4 cores high efficiency smd 3030 384PCS
	10-cores SMD5050 60 PCS	10-cores SMD5050 96 PCS	10-cores SMD5050 96 PCS	10-cores SMD5050 128 PCS
	18-cores SMD7070 64 PCS		24-cores SMD7070 64 PCS	
Solar Panels Size	800*760*30mm	1040*760*30mm	1320*760*30mm	1540*760*30mm
Product Size	810*320*95mm			
Protection grade	IP66			
Efficacy	195LM/W			
Solar panel conversion efficiency	23.8%			
Luminous Flux	11700LM	15600LM	19500LM	23400LM
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	6-8m	8-10m	10-12m	12-15m

APPLICATIONS

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



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