



Solar Street Light LKX Series

60W/80W/100W/120W/140W



IOT control



Remote control



Energy saving



Solar charging



High brightness



Microwave induction



Outdoor rainproof



High capacity battery



Die-cast aluminum



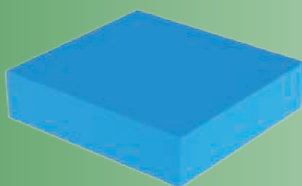
Long service life

LKX

LKX-60W / 80W /
100W / 120W / 140W

13200LM~30800LM

**Win more than
1000 tenders
in the world**



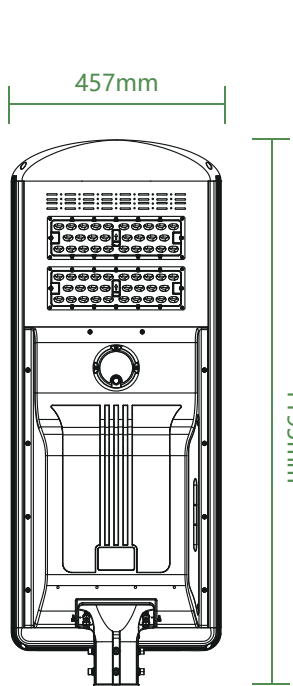
Independent
battery pack



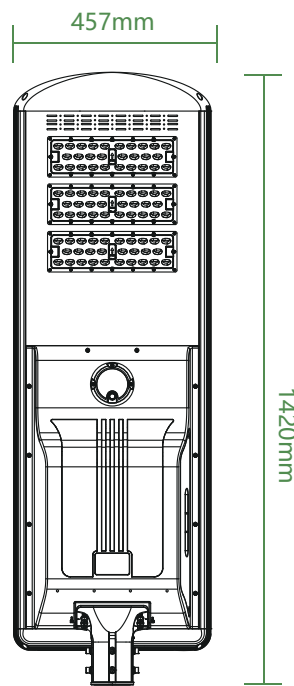
Independent
controller



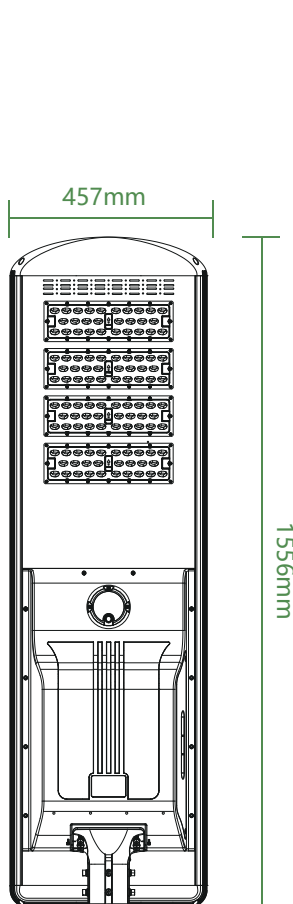
LKX Series | Dimension



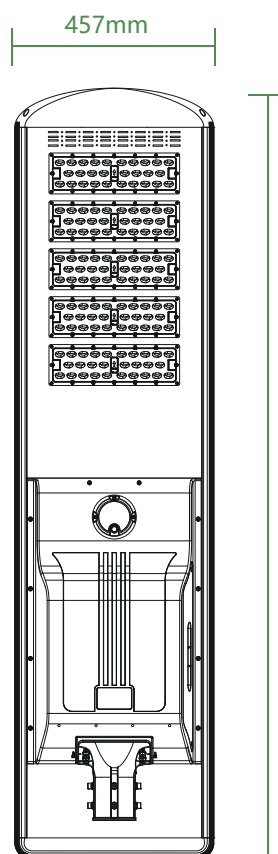
60W



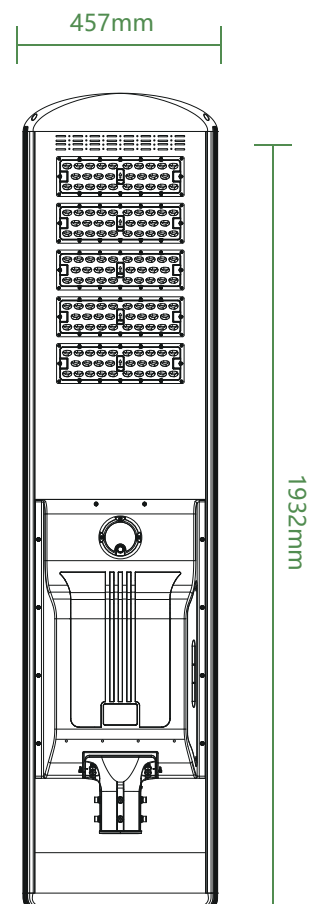
80W



100W



120W



140W

LKX Series | Product features

1. Premium Heat Dissipation

The radiator is made of ADC12 die-casting + 6063 aluminum, which is treated with thickened anti-corrosion paint

2. Optimal Light Performance

Direct luminous design for maximum efficiency

High-transmittance PC lens (95%+light transmission)

3. Easy & Cost-Effective Installation

No additional wiring required-reduces installation costs

Multiple mounting brackets for flexible placement

4. High-Efficiency Lighting

220 lm/W ultra-bright output

Lumileds LED chips for superior performance and longevity

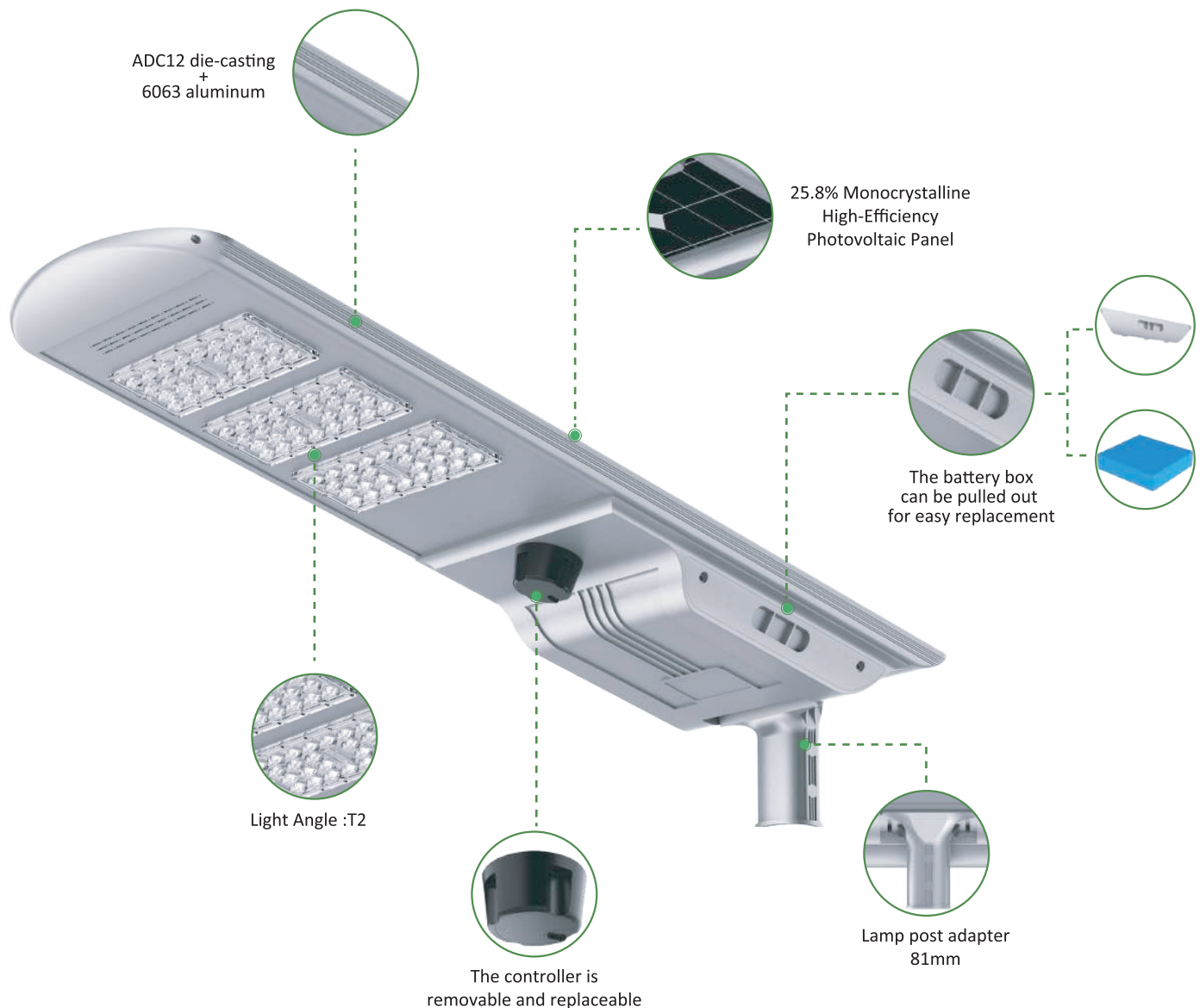
5. Reliable Warranty & Support

3-years warranty for guaranteed quality

Lifetime cost-price maintenance for long-term affordability



LKX Series | Function Introduction



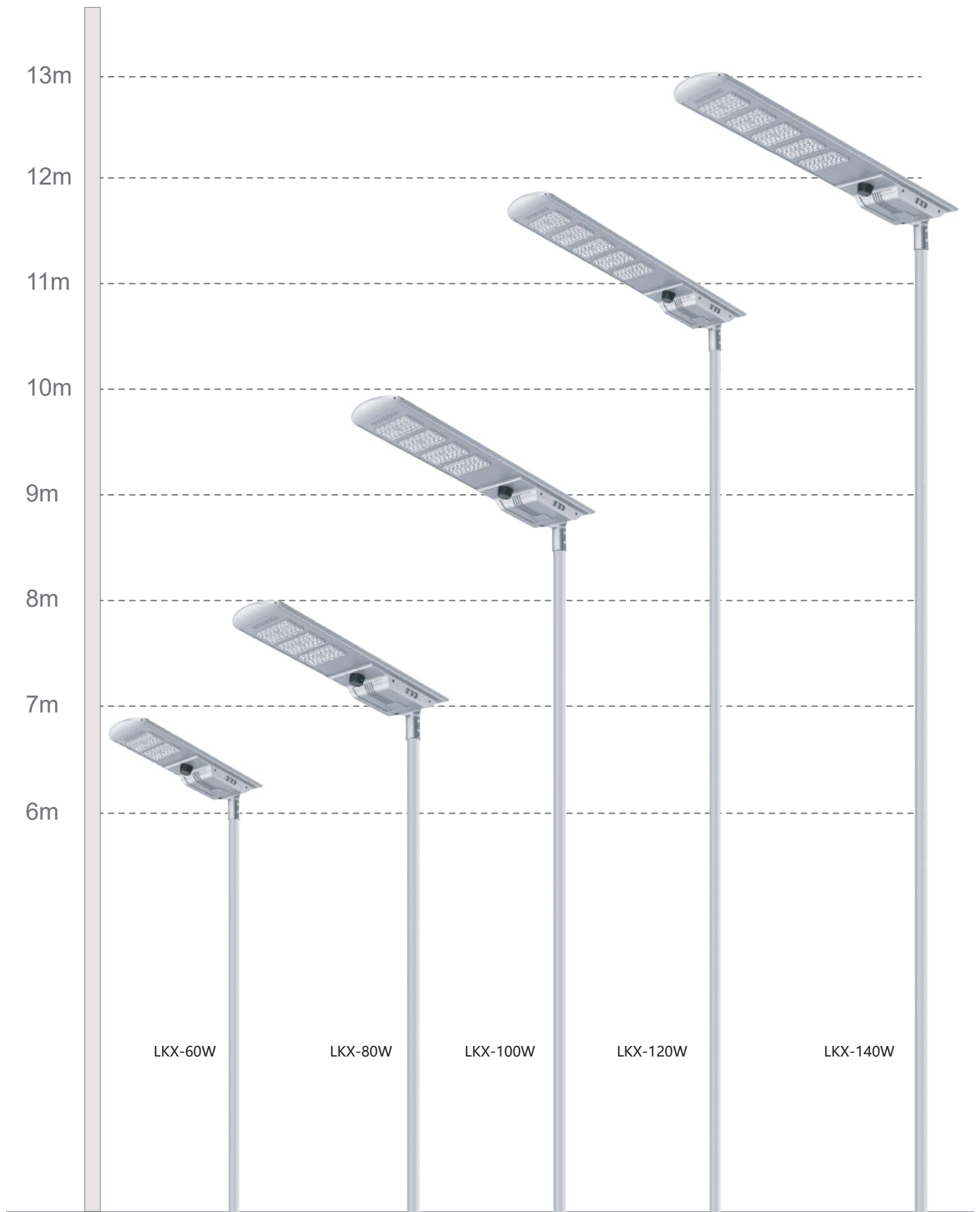
LKX Series | Technical data

FCC / IEC60598 / IEC62722 / IEC62471 / LM79 / IK08



MODEL NUMBER	LKX-60W	LKX-80W	LKX-100W	LKX-120W	LKX-140W
Power	60W	80W	100W	120W	140W
Solar Panel	18V/93.5W Mono	18V/117W Mono	18V/139W Mono	36V/158W Mono	36V/175W Mono
Battery	Lithium iron phosphate 12.8V,45AH, 576WH	Lithium iron phosphate 12.8V,60AH, 768WH	Lithium iron phosphate 12.8V,75AH, 960WH	Lithium iron phosphate 25.6V,45AH, 1152WH	Lithium iron phosphate 25.6V,60AH, 1536WH
LED	SMD5050, 56PCS	SMD5050, 84PCS	SMD5050, 112PCS	SMD5050, 140PCS	SMD5050, 140PCS
Net Weight	16.86KG	19.52KG	22.95KG	25.8KG	30.8KG
Solar panel size	985*450*4mm	1210*450*4mm	1426*450*4mm	1642*450*4mm	1802*450*4mm
Packaging	1145*510*155mm	1372*510*155mm	1586*510*155mm	1805*510*155mm	1965*510*155mm
Product Size	1105*457*159mm	1340*457*159mm	1556*457*159mm	1772*457*159mm	1932*457*159mm
Luminous Flux	13200LM	17600LM	22000LM	26400LM	30800LM
Lamp post diameter	82mm				
CCT	2700-6500K				
Cycle life	3000 times, SOH/80%				
Light Angle	T2-85°*150°				
Material	AL6063+ADC12+1060 pure aluminum				
Efficacy	220LM/W				
Charging time	4-6hours				
Protection grade	IP65				
Controller	MPPT Boost Controller				
Lighting mode	Microwave sensing + segmented time control				
Temperature	-20- +65℃				
Discharge time	2-3 rainy days				
Suggested height	6-7m	7-8m	8-10m	10-12m	12-13m

LKX Series | Installation Height



LKX Series | Applications

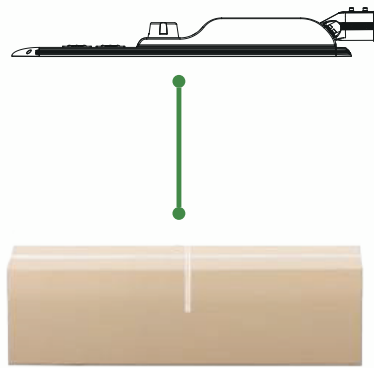
- Road Lighting
- Industrial Parks roads
- Highways
- Urban street
- Countryside
- Sidewalk
- Car parks
- Mining operations



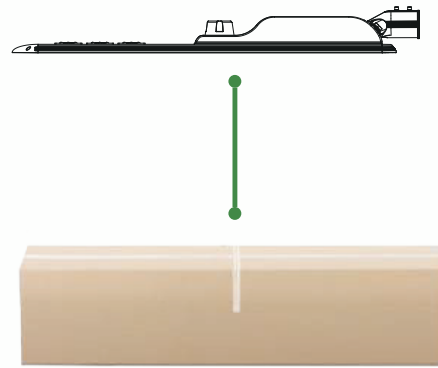
LKX Series | Package

LKX-60W/LKX-80W/LKX-100W/LKX-120W/LKX-140W Package

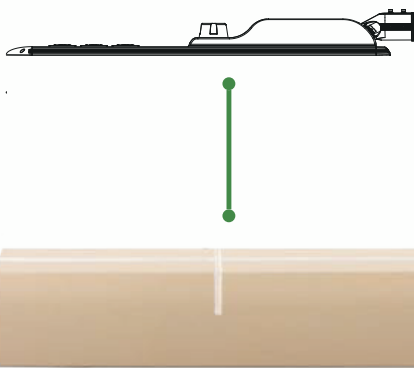
1 package: 1pc lamp per carton



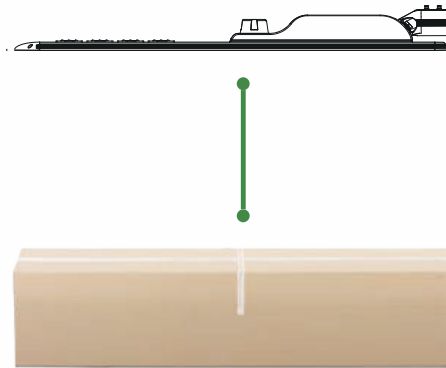
60W



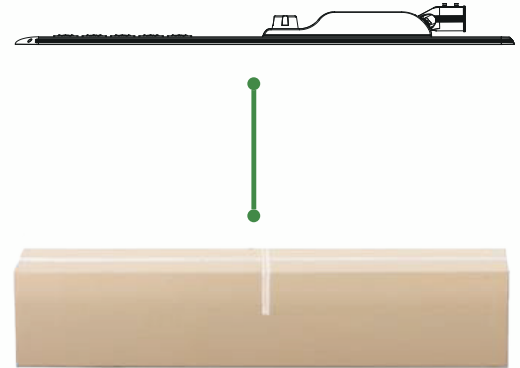
80W



100W



120W



140W