



WHY CHOOSE US



lightwolf®
Ihr spezielles Licht

ISO CE IEC RoHS FCC IP66 IK08 MSDS LM80 SALT SPRAY VIBRATION

PART 1

ALL-IN-ONE INTRODUCTION



Conventional Solar LED Street Light



LW- All in One Solar LED Street Light

Single lighting way ⚡	✅ Intelligent lighting way
Complex installation with split components ⚡	✅ Easy Installation with all in one component
A lot of cables need for installation ⚡	✅ No cable need for installation
Need to dig underground holes for battery ⚡	✅ No need to dig holes underground
2 years short lifespan for lead-acid battery ⚡	✅ 12 years long lifespan for lithium battery
Complex and high cost maintenance service ⚡	✅ Easy and low cost maintenance service
High installation and transportation cost ⚡	✅ Low installation and transportation cost

PART 2

GERMAN DESIGN



Common All in One Solar LED Street Light

Common, found everywhere in the market ⚠️

Fixed bracket for single solar panel angle ⚠️

Fixed LED light for single lighting angle ⚠️

Only available for all in one solution ⚠️

Not available for maintenance ⚠️

No special protection ⚠️



LW- All in One Solar LED Street Light

✓ Germany patented design, solo in the market

✓ Adjustable bracket for different solar panel angle

✓ Adjustable LED light for different lighting angle

✓ All in one/All in two solutions both available

✓ Very easy to replace all main components

✓ Anti-theft, anti-storm and anti-rust

PART 3

RAW MATERIAL STANDARDS



Cheap All in One Solar LED Street Light



LW- All in One Solar LED Street Light

Plastic or steel lamp structure ⚠	✓ Pure Aluminum structure
Polycrystalline or low efficiency solar panel ⚠	✓ High efficiency monocrystalline solar panel
Cheap small low level lithium battery ⚠	✓ Level A LiFePO4 lithium battery
Low charging efficiency PWM Controller. ⚠	✓ High charging efficiency MPPT Controller
Common brightness bridgelux/Epistar LED ⚠	✓ Super brightness LM80 CREE

SOLAR-40-60-80-100-120W

