



SOLAR LED STREET LIGHT



COMPANY INTRODUCTION

DEL ILLUMINATION CO., LTD. is a German-Chinese partnership with a research and development center in Dresden, Germany, a sales and marketing office in Shenzhen, China, and a 10,000 square meter manufacturing plant in Dongguan, China. Our monthly production capacity is 10,000 units, exclusively specializing in solar LED street lights. These innovative products are meticulously designed by our highly experienced German R&D team with over 14 years in the field.

We maintain stringent quality control, adhering to ISO9001-2005 standards, and have earned multiple certifications including CE, ROHS, IP66, FCC, IEC, C-tick, MSDS, LM80, IK08, as well as certifications for salt spray and vibration testing by third-party laboratories. These certifications serve as a testament to our unwavering commitment to high-quality standards.

Becoming a "Solar LED Street Light Artist" is the shared dream of every member of the DEL family. We firmly believe that our dedication will empower our partners to make a substantial impact in markets across the globe.



COMPANY STRUCTURE



RECEPTION DEPARTMENT



SALES DEPARTMENT



MARKETING DEPARTMENT



R&D DEPARTMENT



PURCHASING DEPARTMENT



EQUIPMENT DEPARTMENT



PRODUCTION DEPARTMENT



QUALITY CHECK DEPARTMENT



WAREHOUSE DEPARTMENT

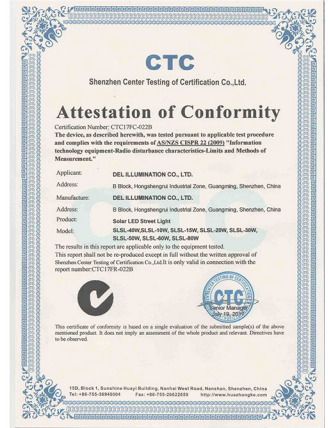
CERTIFICATIONS



CE-EMC



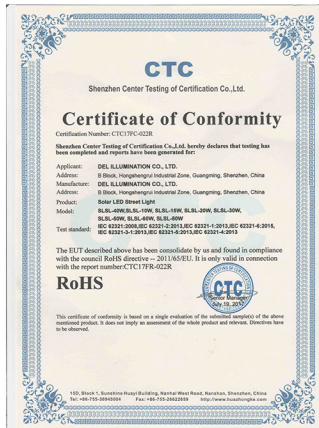
CE-LVD



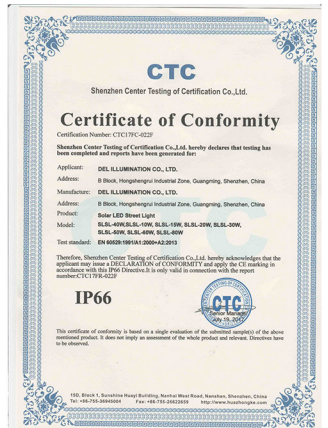
C-TICK



FCC



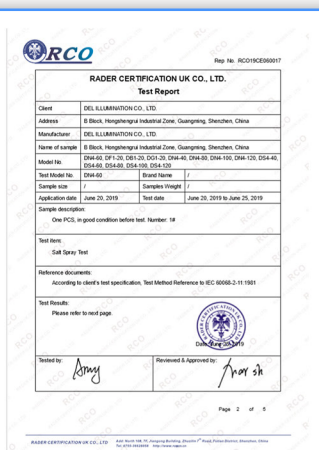
ROHS



IP66



IK08



Salt Spray



Vibration

All-in-One Solar LED Street Light

INTRODUCTION

The All-in-One solar LED street light represents cutting-edge technology in the realm of solar street lighting. This innovative design seamlessly incorporates the solar panel, LED lamp, lithium battery, and charging controller into a single compact unit, eliminating the need for cumbersome cables or excavation for underground battery storage. Installation is remarkably swift and straightforward.

PRODUCT PICTURE



PRODUCT PICTURE



INTRODUCTION

Furthermore, this solar LED street light boasts a state-of-the-art intelligent lighting system. It operates automatically, adjusting to the ambient light conditions, with two versatile settings: a motion sensor and a customizable time schedule, catering to diverse requirements. Once installed, there is no need for unnecessary configurations.

In comparison to traditional solar street lights, it offers significant advantages. It's more convenient to install and transport, enjoys a longer lifespan when compared to lead-acid batteries, and is also more cost-effective to maintain.

SPECIFICATION

MODEL NO.	DEL-DN6-40	DEL-DN6-60	DEL-DN6-80	DEL-DN6-100	DEL-DN6-120	DEL-DN6-140	DEL-DN6-160
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LIGHTING

EFFICIENCY (LM/W)	200-240						
LED CHIP	PHILIPS 3030 (CERTIFIED PER IESNA LM-80 TM-21)						
CCT (K)	3000/4000/5000/6000						
LIFESPAN	50 000 HOURS (12 YEARS)						
MAX POWER (W)	40	60	80	100	120	140	160
CRI	>80	>80	>80	>80	>80	>80	>80
TYPICAL LUMINOUS FLUX (LM)	4000-4800	6000-7200	8000-9600	10000-12000	12000-14400	14000-16800	16000-19200
BEAM ANGLE	80°X150°						
WORKING WAY	MOTION SENSOR/TIME SCHEDULE						

PHOTOVOLTAIC PANEL

TECHNOLOGY	MONO-CRYSTALLINE PHOTOVOLTAIC PANELS						
POWER OF PV MODULE (WP)	50	70	100	120	140	160	180
LIFESPAN	25 YEARS						

BATTERY

TECHNOLOGY	LIFEPO4(LITHIUM IRON PHOSPHATE)						
LITHIUM BATTERY (WH)	231	384	538	615	768	922	1076
AUTONOMY	3 - 5 RAINY DAYS						
LIFESPAN	12 YEARS						

CHARGING CONTROLLER

TECHNOLOGY	MPPT(MAXIMUM POWER POINT TRACKING)						
LIFESPAN	12 YEARS						

GENERAL

DIMENSIONS (MM)	827*407*150	1037*407*150	1387*407*150	1627*407*165	1367*587*165	1512*587*165	1697*587*165
WEIGHT (KG)	11.4	13.1	15.1	17.3	24.5	26.9	29.6
IP	IP66						
WORKING TEMPERATURE (°C)	-20~+65						
RECOMMENDED INSTALLATION HEIGHT (M)	3-5	4-6	5-7	6-8	7-9	8-10	9-11
RECOMMENDED INSTALLATION DISTANCE (M)	10-15	15-20	20-25	25-30	30-35	35-40	40-45
RECOMMENDED DIAMETER OF TOP MOUNTING (MM)	55-60	55-60	55-60	75-80	75-80	75-80	75-80

All-in-Two Solar LED Street Light

INTRODUCTION

The All-in-Two solar LED street light resembles its all-in-one counterpart but boasts a unique all-in-two design, where the solar panel, LED lamp, lithium battery, and charging controller are harmoniously integrated into two separate units. Installation is a breeze, and the standout feature is the flexibility to orient the solar panel and LED lamp in different directions, effectively catering to the latitude and longitude requirements of diverse countries.

PRODUCT PICTURE



PRODUCT PICTURE



INTRODUCTION

This advanced system also shares the same intelligent lighting technology as the all-in-one solution. The light operates autonomously, responding to day and night cycles. Moreover, it offers intelligent time-controlled lighting, accommodating various needs without the hassle of unnecessary adjustments after installation.

In comparison to traditional solar street lights, this system excels in terms of ease of installation and transportation, while also promising a longer lifespan compared to lead-acid batteries. Notably, it offers more cost-effective maintenance.

SPECIFICATION

MODEL NO.	DEL-DS6-30	DEL-DS6-60	DEL-DS6-90	DEL-DS6-120	DEL-DS6-150	DEL-DS6-180
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LIGHTING

EFFICIENCY(LM/W)	200-240					
LED CHIP	PHILIPS 3030 (CERTIFIED PER IESNA LM-80 TM-21)					
CCT(K)	3000/4000/5000/6000					
LIFESPAN	50 000 HOURS (12 YEARS)					
MAX POWER(W)	30	60	90	120	150	180
CRI	>80	>80	>80	>80	>80	>80
TYPICAL LUMINOUS FLUX(LM)	3000-3600	6000-7200	9000-10800	12000-14400	15000-18000	18000-21600
BEAM ANGLE	80°X150°					
WORKING WAY	TIME SCHEDULE					

PHOTOVOLTAIC PANEL

TECHNOLOGY	MONO-CRYSTALLINE PHOTOVOLTAIC PANELS					
POWER OF PV MODULE(WP)	60	120	180	250	300	360
LIFESPAN	25 YEARS					

BATTERY

TECHNOLOGY	LIFEPO4(LITHIUM IRON PHOSPHATE)					
LITHIUM BATTERY(WH)	384	768	1076	1536	1844	2304
AUTONOMY	7 - 10 RAINY DAYS					
LIFESPAN	12 YEARS					

CHARGING CONTROLLER

TECHNOLOGY	MPPT(MAXIMUM POWER POINT TRACKING)					
LIFESPAN	12 YEARS					

GENERAL

LED LAMP DIMENSION(MM)	498*180*115	498*180*115	629*250*115	629*250*115	698*280*115	698*280*115
WEIGHT(KG)	3.4	3.6	5.6	5.9	7.6	7.9
SOLAR PANEL DIMENSION(MM)	640*580*150	770*950*150	930*580*150*2	1180*580*150*2	1115*760*150*2	1240*760*150*2
WEIGHT(KG)	8.4	10.4	21.1	22.7	24.5	26.1
IP	IP66					
WORK TEMPERATURE(°C)	-20~+65					
RECOMMENDED INSTALLATION HEIGHT (M)	2-4	4-6	6-8	8-10	10-12	12-14
RECOMMENDED INSTALLATION DISTANCE (M)	10-20	15-25	20-30	25-35	30-40	40-50
RECOMMENDED DIAMETER OF TOP MOUNTING (MM)	55-60	55-60	75-80	75-80	75-80	75-80

QUALITY CONTROL

ISO9001 Certified Company

Defective Rate < 0.1%

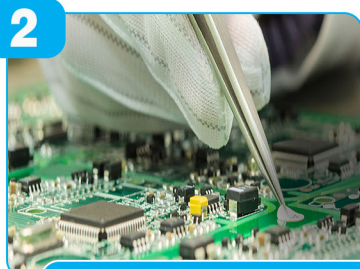
(Amazingly Only 1 Out Of 1000 Pcs)

Strict compliance With ISO9001
Quality Management System

12 Strict Quality Checking Steps



Solar Panel Inspection



Solar Charging
Controller Inspection



Lithium Battery Inspection



LED Light Source Inspection



Semi-finished Parts
Testing Together



Aluminum Structure Inspection



Finished Products Testing



Complete Inspection
before Packing



High and Low
Temperature Test



Waterproof Test



Lamp Testing for Record



Finished Products for Delivery

OUR SERVICES

LIGHT DESIGN SERVICE

Solar lighting is predominantly utilized for various projects, which often necessitate professional lighting design services. Our company is well-equipped to offer these services, including the calculation of the required number of lamps to meet your lux specifications based on the provided drawings.



ODM CUSTOMIZE SERVICE

ODM, an abbreviation for "Original Design Manufacturer," signifies our commitment to tailoring products to your unique needs. Whether you have specific ideas in mind or possess your own designs, we are more than capable of bringing your vision to life. Rest assured, any design we create for you will remain exclusively yours, with no distribution to others.

OEM SERVICE

OEM, an acronym for "Original Equipment Manufacturer," allows us to offer our products under your brand name. We can customize all labels to align with your brand's identity or local language, greatly enhancing your brand promotion and local market presence.



SKD SERVICE

SKD

"SKD" stands for "Semi-Knocked Down." In certain government projects, there is a preference for products to be manufactured within the respective home country of each government. To meet this requirement, we provide support to our clients in an SKD manner. This involves sending our products in separate parts to the required country, where they are assembled. This approach allows the final product to be officially labeled as "Made in" the respective country. We will take responsibility for all necessary training.

MARKETING SERVICE

When you're ready to sell your product, you'll need marketing support, and we can provide you with a comprehensive array of marketing resources, including catalogues, specifications, compelling reasons to choose us, high-definition images, and more. These resources can be instrumental in facilitating the successful and efficient marketing of your products.



WHY US

PATENT DESIGN FROM GERMANY

Our products are meticulously crafted by our German team hailing from the prestigious Dresden University of Technology, a renowned global hub for LED research and development. What sets us apart is our team's remarkable 14-year track record in the sales and marketing of solar LED street lighting, aligning our designs seamlessly with market demands.

Furthermore, our products boast exclusive patented designs, ensuring you won't encounter similar offerings elsewhere. This unique distinction will undoubtedly bolster your sales and marketing efforts.



STRONG SUPPLY CHAIN MANAGEMENT



China possesses a significant manufacturing advantage, particularly in Shenzhen, a renowned hub for LED and production in the country.

Our manufacturing team boasts extensive expertise in supply chain management, having previously worked at Foxconn, the renowned manufacturer of iPhones. Every product is meticulously crafted to adhere to the ISO9001 standard, ensuring a remarkably low defective rate within 0.1%.

PROFESSIONAL CERTIFICATIONS FROM THIRD PARTY

We understand that quality cannot simply be conveyed through words or images alone. So, how can we demonstrate our commitment to quality? The answer lies in the trust of a third-party laboratory.

All of our products have undergone rigorous testing and certification by a reputable third-party lab. Presently, we hold certifications such as CE, RoHS, IP66, FCC, C-TICK, IEC, LM80, IK08, Salt Spray, Vibration, and more. These certifications not only validate the quality of our products but also make them an ideal choice for government tenders.



ONLY SPECIALIZE IN SOLAR LED STREET LIGHT



Emphasizing focus is the initial step in demonstrating our commitment to our products.

Our company exclusively directs its attention towards solar street lights, enabling us to invest more time and resources in research and development, as well as maintaining stringent quality control for our solar street lights. The greater our investment in solar street lights, the higher our returns in this product category.

WIDE DISTRIBUTION NETWORK

Our products have successfully reached 37 countries across the globe, and our network comprises 285 valued clients. This extensive client base enables us to establish a robust distribution network.

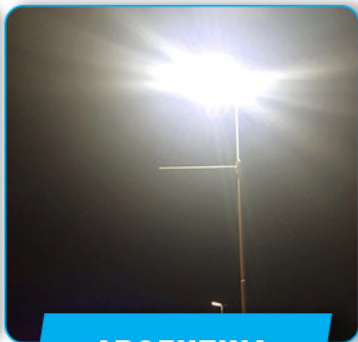
Sharing our end-clients with our distributors facilitates local sales, offering a dual benefit. It streamlines the market exploration process for our distributors, making it more efficient and expeditious, while also ensuring sales protection.



SUCCESSFUL CASES



ALGERIA



ARGENTINA



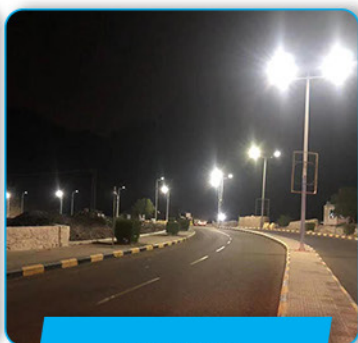
CHILE



COLOMBIA



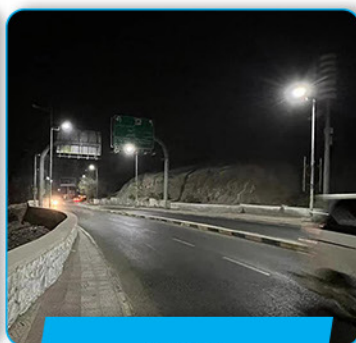
GERMANY



GUINEA



MEXICO



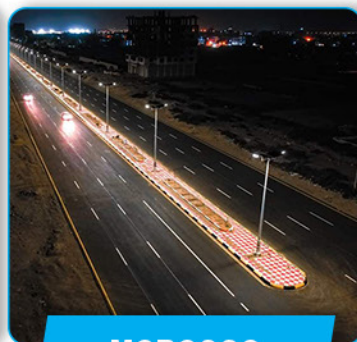
IRAQ



MALAYSIA



INDONESIA



MOROCCO



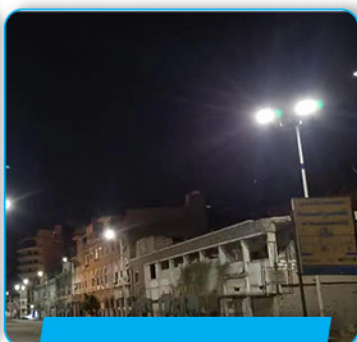
NIGERIA



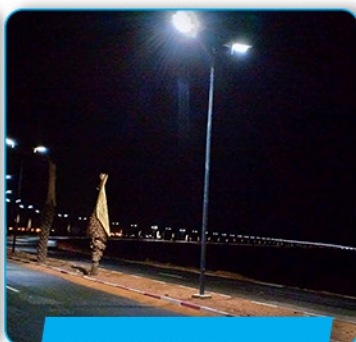
PHILIPPINE



SAUDI ARABIA



UAE






UNITED STATES



<https://solar-led-street-light.com>

GET IN TOUCH

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