Geowete
Enterprise Limited

RENEWABLE ENERGY · PRODUCT CATALOGUE

SOLAR FLOOD LIGHTS 2025 CATALOGUE

Residential, commercial and industrial solar lighting solutions

House No. 7 Sable Road, Lusaka, Zambia | +260 971 164 668 | info@geoweteenterprise.com | www.geoweteenterprise.com

2025 EDITION

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ABOUT GEOWETE ENTERPRISE LIMITED

Powering Zambia's renewable energy transition

Geowete Enterprise Limited is a diversified Zambian enterprise operating as an active project developer and strategic investment platform. Headquartered in Lusaka, we address Zambia's structural development needs through commercially viable, well-governed and impact-oriented ventures.

Our renewable energy division designs, structures and delivers solar installations from 20MW to 960MW, together with solar backup systems, hybrid energy solutions and energy efficiency initiatives for institutional, commercial and community clients.

Every engagement combines technical excellence, sound financial design and robust governance, creating long-term value for investors, partners and communities.

AT A GLANCE

100+
PROJECTS COMPLETED

1K+
CUSTOMERS SERVED

20MW·960MW
SOLAR CAPACITY RANGE

5
BUSINESS LINES

CAPABILITIES

- Renewable Energy
- Water Security
- ICT Consultancy
- Construction
- Mining & Investment

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ONE PARTNER ACROSS THE SOLAR VALUE CHAIN

A complete solar product range

From lighting and backup power to water pumping and energy storage, Geowete supplies dependable solar solutions for homes, businesses, institutions and communities.



Solar Flood Lights

Residential, commercial and industrial solar flood lighting.



Solar Street Lights

Street, highway and area lighting solutions.



Battery & Energy Storage

Inverters, batteries and energy storage systems.



Solar Water Pumps

Solar-powered pumping for irrigation and water supply.

Order online at www.geoweteenterprise.com/shop

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SPECIALIZING IN THE DESIGN

MANUFACTURING AND SOLUTIONS

OF OUTDOOR LIGHTING & SOLAR LIGHT



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0358A150-01

LED Lamp	2835 LED 144PCS
Solar Panel	6V 18W Polycrystalline
Battery Type	3.2V 14AH LiFePO4
Charging Time	6-8 hours
Discharging Time	12-15 hours
LED	160 lm/w
Material	Die-casting Aluminium Alloy
Install Height	3-5m
Dimensions	272.5*260*43mm

0358B250-01

LED Lamp	2835 LED 256PCS
Solar Panel	6V 28W Polycrystalline
Battery Type	3.2V 35AH LIFePO4
Charging Time	6-8 hours
Discharging Time	12-15 hours
LED	160 lm/w
Material	Die-casting Aluminium Alloy
Install Height	5-7m
Dimensions	335.5*316*50.5mm

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Solar LED FLOOD Light

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100W

Item No.	0427B100-02
LED Lamp	5730 LED 3000K 57PCS + 6000K 57PCS
Solar Panel	6V 8W, Polycrystalline
Battery Type	LiFePO4 3.2V 6000mAH
Charging time	6-8 hours
Discharging time	10-15 hours
Led	160 lm/w
Material	ABS
Product Size	250*200*70mm



150W

Item No.	0427C150-02
LED Lamp	5730 LED 3000K 75PCS + 6000K 75PCS
Solar Panel	6V 12W, Polycrystalline
Battery Type	LiFePO4 3.2V 10000mAH
Charging time	6-8 hours
Discharging time	10-15 hours
Led	160 lm/w
Material	ABS
Product Size	270*224*76mm



200W

Item No.	0427D200-02
LED Lamp	5730 LED 3000K 84PCS + 6000K 82PCS
Solar Panel	6V 15W, Polycrystalline
Battery Type	LiFePO4 3.2V 12000mAH
Charging time	6-8 hours
Discharging time	10-15 hours
Led	160 lm/w
Material	ABS
Product Size	319*261*88mm



50W

Item No.	0427A50-02
LED Lamp	5730 LED 3000K 30PCS + 6000K 30PCS
Solar Panel	6V 6W, Polycrystalline
Battery Type	LiFePO4 3.2V 4500mAH
Charging time	6-8 hours
Discharging time	10-15 hours
Led	160 lm/w
Material	ABS
Product Size	206*158*55mm



300W

Item No.	0427E300-02
LED Lamp	5730 LED 3000K 138PCS + 6000K 138PCS
Solar Panel	6V 18W, Polycrystalline
Battery Type	LiFePO4 3.2V 18000mAH
Charging time	6-8 hours
Discharging time	10-15 hours
Led	160 lm/w
Material	ABS
Product Size	352*288*86mm

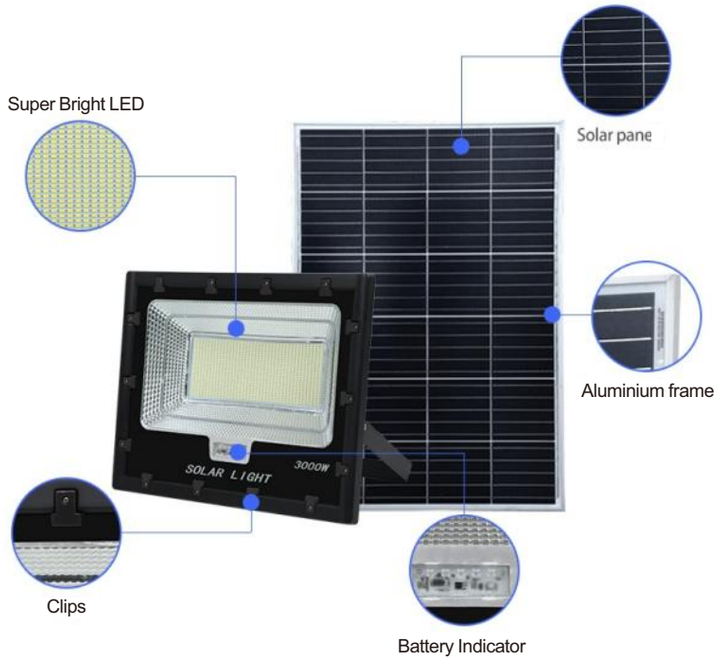
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3000W

Item No.	0293C3000-01
LED Lamp	5730 LED 1000PCS 6000K
Solar Panel	6V 90W Polycrystalline
Battery Type	LiFePO4 3.2V 65AH
Charging Time	6-8 hours
Discharging Time	30-36 hours
LED	160 lm/w
Material	ABS
Dimensions	550*440*121.7mm
Warranty	3 years



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50W

Item No.	0837A50-05
LED Lamp	5730 LED 120PCS 6000K
Solar Panel	6V 18W, Polycrystalline
Battery Type	LiFePO4 3.2V 26AH
Charging Time	6-8 hours
Discharging Time	12-15 hours
LED	160 lm/w
Material	Die-casting Aluminium
Dimensions	250*200*68mm
Warranty	3 years



100W

Item No.	0837B100-05
LED Lamp	5730 LED 224PCS 6000K
Solar Panel	6V 28W, Polycrystalline
Battery Type	LiFePO4 3.2V 36AH
Charging Time	6-8 hours
Discharging Time	12-15 hours
LED	160 lm/w
Material	Die-casting Aluminium
Dimensions	330*255*85mm
Warranty	3 years



150W

Item No.	0837C150-05
LED Lamp	5730 LED 324PCS 6000K
Solar Panel	6V 36W, Polycrystalline
Battery Type	LiFePO4 3.2V 48AH
Charging Time	6-8 hours
Discharging Time	12-15 hours
LED	160 lm/w
Material	Die-casting Aluminium
Dimensions	360*285*93mm
Warranty	3 years



200W

Item No.	0837D200-05
LED Lamp	5730 LED 400PCS 6000K
Solar Panel	6V 53W, Polycrystalline
Battery Type	LiFePO4 3.2V 72AH
Charging Time	6-8 hours
Discharging Time	12-15 hours
LED	160 lm/w
Material	Die-casting Aluminium
Dimensions	400*320*108mm
Warranty	3 years





300W

Item No.	0837E300-01
LED Lamp	5730 LED 597PCS 6000K
Solar Panel	6V 65W, Polycrystalline
Battery Type	LiFePO4 3.2V 96AH
Charging Time	6-8 hours
Discharging Time	12-15 hours
LED	160 lm/w
Material	Die-casting Aluminium
Dimensions	436*395*124mm
Warranty	3 years

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8W

Item No.	0823A08-02
LED Lamp	8W LED 6000K
Solar Panel	6.8W 5.39V, Polycrystalline
Battery Type	LiFePO4 18AH 3.2V
Charging Time	6-8hours
Discharging Time	30-36hours
LED	160lm/w
Material	Die-casting Aluminum Alloy
Install Height	2-4m
Warranty	3 years
Dimensions	280*170*62.5mm



12W

Item No.	0823B12-02
LED Lamp	12W LED 6000K
Solar Panel	9.5W 5.5V, Polycrystalline
Battery Type	LiFePO4 24AH 3.2V
Charging Time	6-8hours
Discharging Time	30-36hours
LED	160lm/w
Material	Die-casting Aluminum Alloy
Install Height	3-6m
Warranty	3 years
Dimensions	376*186*82.5mm



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8W

Item No.	0823A08-04
LED Lamp	8W LED 6000K
Solar Panel	5.39V 6.8W, Polycrystalline
Battery Type	Lithium-Ion 3.2V 18AH
Charging Time	6-8 hours
Discharging Time	30-36 hours
LED	160 lm/w
Material	Die-cast Aluminum
Install Height	3-5m
Dimensions	457*170*62.5mm
Warranty	3 years





12W

Item No.	0823B12-05
LED Lamp	12W LED 6000K
Solar Panel	5.5V 9.5W, Polycrystalline
Battery Type	Lithium-Ion 3.2V 24AH
Charging Time	6-8 hours
Discharging Time	30-36 hours
LED	160 lm/w
Material	Die-cast Aluminum
Install Height	4-7m
Dimensions	556*176*82.5mm
Warranty	3 years

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50W

Item No.	0860A50-01
LED Lamp	LED 60PCS 6000K
Solar Panel	6V 7W, Polycrystalline
Battery Type	LiFePO4 3.2V 12AH
Charging Time	6-8 hours
Discharging Time	30-36 hours
LED	160 lm/w
Material	ABS
Lamp Size	250*190*100 mm
Install Height	3-5m
Warranty	3 years



100W

Item No.	0860B100-01
LED Lamp	LED 120PCS 6000K
Solar Panel	6V 9W, Polycrystalline
Battery Type	LiFePO4 3.2V 18AH
Charging Time	6-8 hours
Discharging Time	30-36 hours
LED	160 lm/w
Material	ABS
Lamp Size	280*250*100 mm
Install Height	4-6m
Warranty	3 years



150W

LED Chip	
Solar Panel	
Battery Type	
LED Life Span	
Charging Time	
Discharging Time	
Working Mode	
Led	
Material	
Product Size	

Item No.	0860C150-01
LED Lamp	LED 180PCS 6000K
Solar Panel	6V 12W, Polycrystalline
Battery Type	LiFePO4 3.2V 24AH
Charging Time	6-8 hours
Discharging Time	30-36 hours
LED	160 lm/w
Material	ABS
Lamp Size	370*250*100 mm
Install Height	5-8m
Warranty	3 years



SOLAR LED FLOOD LIGHT

50W~150W

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Solar LED FLOOD Light

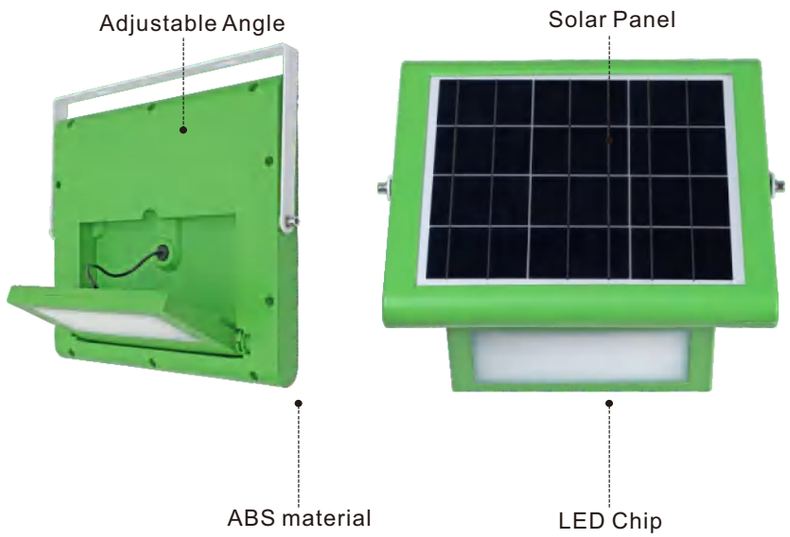
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20W

Item No.	0293C3000-01
LED Lamp	SMD2835 64PCS 3000K + 64PCS 6000K
Solar Panel	6V 9W, Polycrystalline
Battery Type	Lithium ion 3.7V 5000mAH
Charging Time	6-8 hours
Discharging Time	1 Rainy day
LED	160 lm/w
Material	ABS
Dimensions	311*283*35mm
Warranty	3 years



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OFF-GRID SOLAR CEILING LIGHT

Round shape design, no wire & no electricity & no maintence needed



0378A30-01	
LED Chip	2835 LED 54PCS
Solar Panel	6V 6W,Polycrystalline
Battery Type	LiFePO4 3.2V 4.5AH
LED Life Span	>50000 hrs
Charging Time	6-8 hours
Discharging Time	12-15 hours
Working Mode	Light control + Time control + Remote control
Led	160 lm/w
Material	ABS
Product Size	Φ200mm



0378B50-01	
LED Chip	2835 LED 120PCS
Solar Panel	6V 8W,Polycrystalline
Battery Type	LiFePO4 3.2V 5AH
LED Life Span	>50000 hrs
Charging Time	6-8 hours
Discharging Time	12-15 hours
Working Mode	Light control + Time control + Remote control
Led	160 lm/w
Material	ABS
Product Size	Φ240mm



0378C80-01	
LED Chip	2835 LED 246PCS
Solar Panel	6V 15W,Polycrystalline
Battery Type	LiFePO4 3.2V 10AH
LED Life Span	>50000 hrs
Charging Time	6-8 hours
Discharging Time	12-15 hours
Working Mode	Light control + Time control + Remote control
Led	160 lm/w
Material	ABS
Product Size	Φ280mm



0378D100-01	
LED Chip	2835 LED 328PCS
Solar Panel	6V 20W,Polycrystalline
Battery Type	LiFePO4 3.2V 15AH
LED Life Span	>50000 hrs
Charging Time	6-8 hours
Discharging Time	12-15 hours
Working Mode	Light control + Time control + Remote control
Led	160 lm/w
Material	ABS
Product Size	Φ320mm



0378E150-01	
LED Chip	2835 LED 418PCS
Solar Panel	6V 25W,Polycrystalline
Battery Type	LiFePO4 3.2V 20AH
LED Life Span	>50000 hrs
Charging Time	6-8 hours
Discharging Time	12-15 hours
Working Mode	Light control + Time control + Remote control
Led	160 lm/w
Material	ABS
Product Size	Φ375mm

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20W

Item No.	0923A20-10
LED Lamp	2835 LED 120PCS 6000K
Solar Panel	9V 22W, Mono-Crystalline
Battery Type	LiFePO4 6.4V 12AH
Charging Time	6-8 hours
Discharging Time	20-24 hours
LED	160 lm/w
Material	Aluminium+PC
Dimensions	445*120*120mm
Warranty	3 years





40W

Item No.	0923B40-10
LED Lamp	2835 LED 180PCS 6000K
Solar Panel	9V 27W, Mono-Crystalline
Battery Type	LiFePO4 6.4V 18AH
Charging Time	6-8 hours
Discharging Time	20-24 hours
LED	160 lm/w
Material	Aluminium+PC
Dimensions	625*120*120mm
Warranty	3 years



80W

Item No.	0923D80-10
LED Lamp	2835 LED 300PCS 6000K
Solar Panel	9V 55W, Mono-Crystalline
Battery Type	LiFePO4 6.4V 30AH
Charging Time	6-8 hours
Discharging Time	20-24 hours
LED	160 lm/w
Material	Aluminium+PC
Dimensions	1035*120*120mm
Warranty	3 years



60W

Item No.	0923C60-10
LED Lamp	2835 LED 240PCS 6000K
Solar Panel	9V 36W, Mono-Crystalline
Battery Type	LiFePO4 6.4V 24AH
Charging Time	6-8 hours
Discharging Time	20-24 hours
LED	160 lm/w
Material	Aluminium+PC
Dimensions	805*120*120mm
Warranty	3 years

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ABOUT THIS PRODUCT

Flexibility and convenience:

The wire is 3 meters long. The versatile solar light bulb can not only be used outdoors, but also hang the light bulb in your house!

Easy to carry and hang:

Comes with 1 solar light bulb, each includes a hook, so it's easy to hang from a backpack, tree, tent or patio.You don't have to worry about falling or being blown away.

Brightness and battery life:

The same size as a regular LED bulb, but the 12 LED beads can produce up to 350 lumens of brightness.Lighting range up to 100 square feet for camping, hiking, hunting, fishing, SOS lights, etc. It can last many hours in highlight mode.

Solar Carging | Environment Protecting | Highlight LED | Easy To Install | Ip65



5W

Model	0827A05-01
LED Lamp	2835LED 14PCS 3000K 6000K
Solar Panel	6V 5W,Polycrystalline
TypeBattery Type	Lithium-Ion 3.7V 2AH
Charging Time	6-8 Hours
Discharging Time	4-6 Hours
LED	160lm/w
Material	ABS
Product Size	Φ80*155mm
Warranty	3 Years
Operating Vpltage	3.7V



5W

Model	0855A05-01
LED Lamp	2835LED 28PCS 3000K 6000K
Solar Panel	6V 5W,Polycrystalline
TypeBattery Type	Lithium-Ion 3.7V 2AH
Charging Time	6-8 Hours
Discharging Time	4-6 Hours
LED	160lm/w
Material	ABS
Product Size	Φ80*155mm
Warranty	3 Years
Operating Vpltage	3.7V



5W

Model	0855A05-02
LED Lamp	2835LED 42PCS 3000K 6000K
Solar Panel	6V 5W,Polycrystalline
TypeBattery Type	Lithium-Ion 3.7V 2AH
Charging Time	6-8 Hours
Discharging Time	4-6 Hours
LED	160lm/w
Material	ABS
Product Size	Φ80*155mm
Warranty	3 Years
Operating Vpltage	3.7V

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20W

Item No.	0936A05-01
LED buib	5730 LED 22pcs 6000K
Size	Φ94*165mm
Battery	3.2V 6AH LiFePO4
usb oport	5V 1A
LED Chip	3030 LED 2pcs 6000K
Size	129*50*38mm
Battery	3.2V 600mAH LiFePO4
Solar Panel	6V 5W polycrystalline
Charging Time	6-8 Hours
Discharging Time	8-48 hours
Material	ABS+pc
Warranty	3 years



30W

Item No.	0372A30-01
LED Lamp	2835 LED 270PCS
Luminous	1700LM
CCT	3000K~6000K
Solar Panel	6V 30W, Polycrystalline
Battery Type	LiFePO4 3.2V 30AH
Charging Time	6-8 Hours
Discharging Time	12-18 Hours
Material	Iron+PC
Lamp Size	630*350*17mm
Certification	CE, RoHS
warranty	2 Years

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