



BEL SOLAR

BRIZEMONT ENERGY LIMITED



PRODUCT CATALOGUE

Solar Street Light

BRIZEMONT ENERGY LIMITED

 +234 809 6130 197 / +234 806 4365 373

Mail: brizmontel@brizmontenergy.com / info@brizmontenergy.com
Add: No 7, Bujumbura Street, Wuse II, Abuja

Ver: 2.1 2024



Company Profile

Brizmont Energy Limited is a renewable energy company which engages in the production, sales, installation, and after-sale service of renewables and sustainable energy production.

VISION

To be a global industry leader in renewable energy and power, empowering communities and businesses with clean, reliable, and durable power.

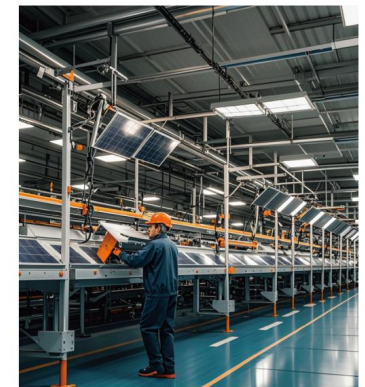
MISSION

To provide innovative, sustainable, affordable, reliable, and ever- cleaner energy to Africa and the World at large for a sustainable future through advanced solar technology and energy storage systems.

WHY CHOOSE OUR RENEWABLE ENERGY PRODUCTS?

- Guaranteed uninterrupted Power Supply.
- Independent power supply.
- You completely avoid the rising electricity tariffs.
- Little or no maintenance is required on all our products.
- Our products provide you absolute freedom to disassemble and reinstall in any location of your choosing at little or zero cost.

Complete Manufacturing System





ALL IN ONE SOLAR STREET LIGHT

CV Series 120W

Integrated Solar Street Lights



FEATURES

- ◆ Black & Silver Color Optional.
- ◆ PIR motion sensor.
- ◆ Bridgelux 3030.
- ◆ IP65
- ◆ Updated lens, wider angle, and higher transparency.



LED & Lens

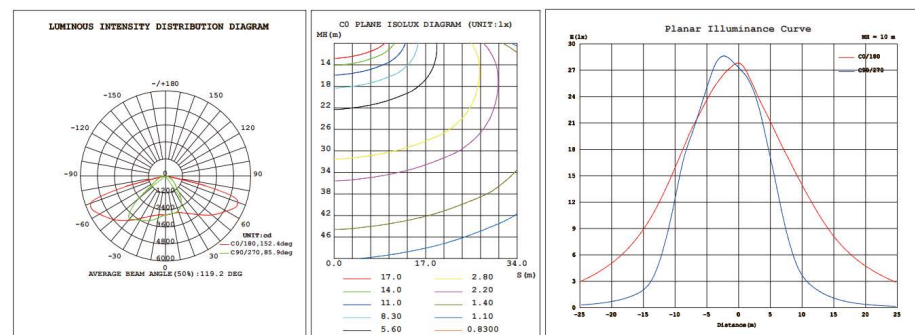


Technical Data

Model		CV120
Solar module		90W(Mono)
High capacity lithium battery		Built-in 230WH
luminous flux (All light pattern)		16000lm
Working Mode		Light control and Time control (OEM according to the quantity)
Solar panel charge time		5H strong sunlight
Working	TimeAllight pattern	≥ 12 hours
	Raining days backup	3 days
Color temperature		6500K
Induction angle		75°*145°
Light pole diameter		76mm
Storage temperature		0-55°C
Operating humidity		≤ 95%RH
Working Temperature	Charge temperature	0-55°C
	Discharge temperature	-10°C-60°C
Recommend Installation height		6-9m
Product Package dimensions		1272*435*140MM (2PCS/CTN)
Product Gross weight		19.5kg (2PCS/CTN)
Tailstock Package dimensions		375*350*155MM (4PCS/CTN)
Tailstock Gross weight		10.2kg (4PCS/CTN)

◆ Die-casting integrated molding, beautiful appearance, special designed lends makes the lighting performance excellent, suitable for 5-7 meters and positioning mid-end cost-effective case.

Light Distribution Curve





SOLAR STREET LIGHT

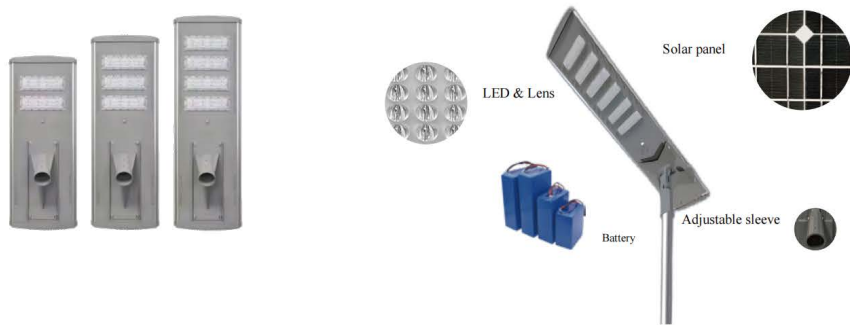
FP Series 80W / 100W

Patented Integrated Solar Street Lights



FEATURES

- ◆ Modular design and lightweight.
- ◆ Bridgelux 3030.
- ◆ PIR motion sensor.
- ◆ IP65
- ◆ Private & Strong Aluminum die-casting housing.

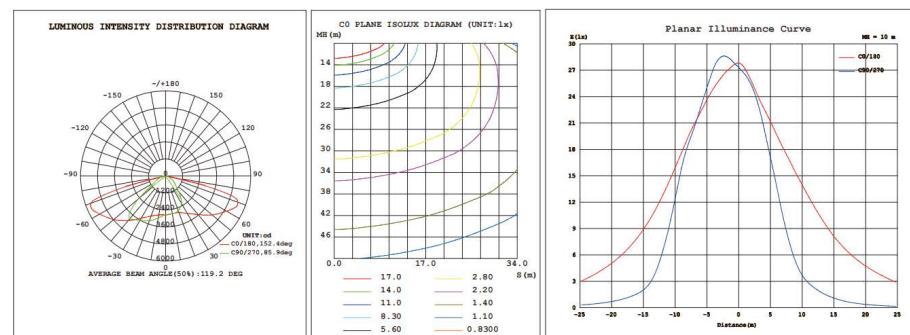


Technical Data

Model	FP80	FP100
Solar module	70W(Mono)	90W(Mono)
High capacity lithium battery	Built-in 167WH	Built-in 230WH
luminous flux (All light pattern)	12800lm	16000lm
Working Mode	Light control and Time control (OEM according to the quantity)	
Solar panel charge time	5H strong sunlight	
Working	TimeAllight pattern	≥ 12 hours
	Raining days backup	3 days
Color temperature	6500K	
Induction angle	75°*145°	
Light pole diameter	76mm	
Storage temperature	0-55°C	
Operating humidity	≤ 95%RH	
Working Temperature	Charge temperature	0-55°C
	Discharge temperature	-10°C—60°C
Recommend Installation height	5-6m	6-8m
Product Package dimensions	1192*445*110MM (2PCS/CTN)	1492*445*110MM (2PCS/CTN)
Product Gross weight	21.1kg (2PCS/CTN)	26.7kg (2PCS/CTN)
Tailstock Package dimensions	480*360*180MM (4PCS/CTN)	
Tailstock Gross weight	8.8kg (4PCS/CTN)	

- ◆ Private mold, thick aluminum and stronger structure, 3030 high brightness led maximize safety and luminaire performance, easy to match the requirements from 5-12m height case.

Light Distribution Curve





ALL IN ONE SOLAR STREET LIGHT

FV Series 80W / 100W / 120W



FEATURES

- ◆ Modern designed housing.
- ◆ More power optional.
- ◆ Specially designed structure for easy extension of the lamp size.
- ◆ COB / SMD LED chip optional.
- ◆ Gemstone lenses, wider angles, and higher transparency.

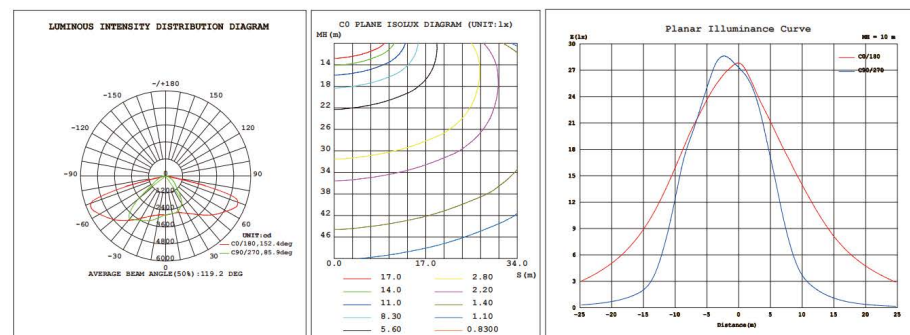


Technical Data

Model	FV80	FV100	FV120
Solar module	65W(Mono)	75W(Mono)	100W(Mono)
High capacity lithium battery	Built-in 167WH	Built-in 230WH	Built-in 295WH
luminous flux (All light pattern)	12800lm	16000lm	19200lm
Working Mode	Light control and Time control (OEM according to the quantity)		
Solar panel charge time	5H strong sunlight		
Working Time	Time/night pattern	≥ 12 hours	
	Raining days backup	3 days	
	Color temperature	6500K	
	Induction angle	75°*145°	
	Light pole diameter	76mm	
	Storage temperature	0-55°C	
	Operating humidity	≤95%RH	
Working Temperature	Charge temperature	0-55°C	
	Discharge temperature	-10°C—60°C	
Recommend installation height	5-6m	6-8m	7-9m
Product Package dimensions	1160*400*165MM (2PCS/CTN)	1250*400*165MM (2PCS/CTN)	1620*400*165MM (2PCS/CTN)
Product Gross weight	17.6kg (2PCS/CTN)	20kg (2PCS/CTN)	27kg (2PCS/CTN)
Tailstock Package dimensions	580*415*245MM (4PCS/CTN)		
Tailstock Gross weight	10.4kg (4PCS/CTN)		

- ◆ Specially designed structure for easy extension of the lamp size. Gemstone lenses, wider angles, and higher transparency. COB / SMD LED chip optional.

Light Distribution Curve





SOLAR STREET LIGHT

JC Series 90W / 120W / 150W

Patented Integrated Solar Street Lights



FEATURES

- ◆ Modular design and lightweight.
- ◆ Private & Strong Aluminum die-casting housing.
- ◆ Bridgelux 3030.
- ◆ PIR motion sensor.
- ◆ IP65.

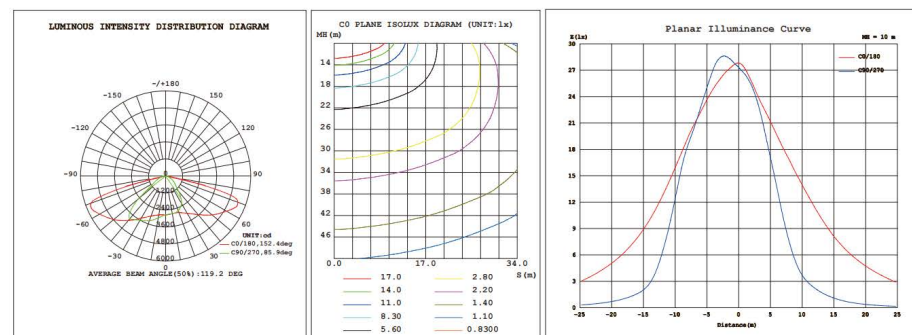


Technical Data

Model		JC90	JC120	JC150
Solar module		65W(Mono)	85W(Mono)	98W(Mono)
High capacity lithium battery		Buit-in 165WH	Buit-in 230WH	Buit-in 295WH
luminous flux (All light pattern)		9600lm	12800lm	16000lm
Working Mode		Light control and Time control (OEM according to the quantity)		
Solar panel charge time		5H strong sunlight		
Working	TimeAllight pattern	≥ 12 hours		
	Raining days backup	3 days		
Color temperature		6500K		
Induction angle		75°*145°		
Light pole diameter		76mm		
Storage temperature		0-55°C		
Operating humidity		≤ 95%RH		
Working Temperature	Charge temperature	0-55°C		
	Discharge temperature	-10°C—60°C		
Recommend Installation height		3-5m	5-7m	6-9m
Product Package dimensions		928*405*165MM (2PCS/CTN)	1196*405*165MM (2PCS/CTN)	1396*405*165MM (2PCS/CTN)
Product Gross weight		20.6KG (2PCS/CTN)	23.7kg (2PCS/CTN)	2808kg (2PCS/CTN)
Tailstock Package dimensions		580*235*120MM (4PCS/CTN)		
Tailstock Gross weight		4.8kg (4PCS/CTN)		

- ◆ Private mold, thick aluminum and stronger structure, 3030 high brightness led, maximize safety and luminaire performance, easy to match the requirements from 5-12m height case.

Light Distribution Curve





Project Case

