

Huzhou Charming Lighting Co., Ltd.

Jiacheng high-tech zone, Qixing road, Wuxing, Huzhou, Zhejiang, China

Tel: (86) 18006626989 | Email: feng@charming-tech.cn

SOLAR STREET LIGHT

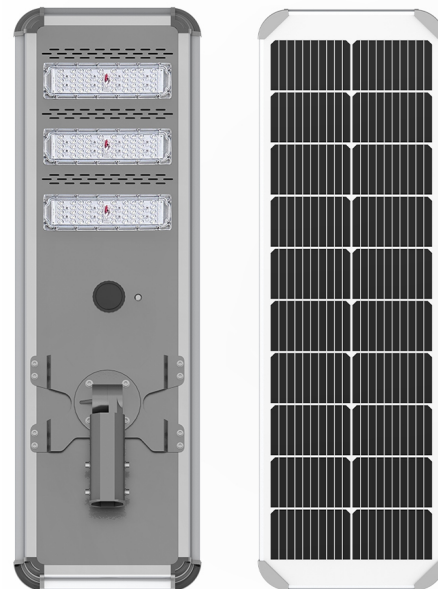
All In One Series 60W

MONO-CRYSTALLINE PV MODULES

LiFePO4 LITHIUM BATTERY

Mechanical and design specification

Cell type	Mono , 535mm × 670mm × 30mm
Efficiency	Photoelectric conversion rate>22%
Front cover	ADC12 High-Pressure Die-Cast aluminum
Coating	RAL Grey Color, Treated with Electrostatic Spraying.
Fixed Holder	Inner Dia78φ, 15-30 degree
Battery box	IP65 rated, 181*77*167mm
Frame	Modle B 30 mm, 1.2mm anodized Aluminium alloy
Cable	1 x 0.75/1.0/1.5 mm ² , 100-350 mm length or customized
Connectors	Male / Female Waterproof compatible
Dimension	1075mm x 348mm x 159 mm
Weight	13.38 kg
Wind resistance	>160km/h
Wind load	2400 Pa or 244 kg/m ²
Snow load	5400 Pa or 550 kg/m ²



Packaging information

Packaging configuration	1 pc / carton
Loading capacity	600 pcs / 40 HQ
Size / Pallet	300 pcs / 20 FT
Packing Class	Calss 9, UN3481

Model	
Power	60W
System Voltage	DC24V
Luminous flux	200lm/w
Solar panels	120W/18V
LiFePO4 battery	24Ah/12.8V
LED module	* Module by 50pcs chip
LED brand	Philips 5050
Charging time	<6 hrs
Discharge time	12-13 hours/day+morning lighting mode 1hr, 3-4 days of cloudy and rainy days
Controller	MPPT.15A/20A 12/24V
Human body induction	Infrared or microwave sensors
Light source efficiency	200Lm/W
IP&IK	IP66, IK08
Size	1075mm x 348mm x 159 mm

Color	Grey or specified RAL color card number
Color temperature	(2700K~6500K)±300K
Rendering Index	≥70/80
Optical lens	T2 75° ~150 ° * UV resistant (other angles optional)
Operation temperature	-10 C ~+55 C
Material	Aluminum die-casting shell+polyester paint, stainless steel screws, and polycarbonate lens
Service life	>100,000 hrs
Warranty	5 years

*NMOT: Normal Module Operating Temperature (Ambient temperature 20°C, air mass of AM1.5 and wind speed of 1 m/s)

Huzhou Charming Lighting Co., Ltd.

Jiacheng high-tech zone, Qixing road, Wuxing, Huzhou, Zhejiang, China

Tel: (86) 18006626989 | Email: feng@charming-tech.cn

SOLAR STREET LIGHT

All In One Series 80W

MONO-CRYSTALLINE PV MODULES

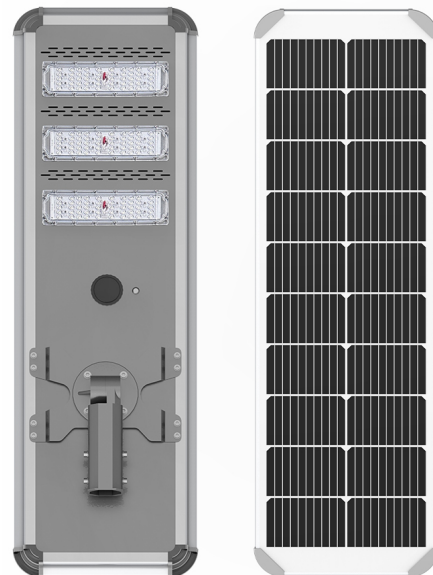
LiFePO4 LITHIUM BATTERY

Mechanical and design specification

Cell type	Mono , 550mm × 220mm × 220mm
Efficiency	Photoelectric conversion rate>22%
Front cover	ADC12 High-Pressure Die-Cast aluminum
Coating	RAL Grey Color, Treated with Electrostatic Spraying.
Fixed Holder	Inner Dia78φ, 15-30 degree
Battery box	IP65 rated, 550*220*220mm
Frame	Modle B 30 mm, 1.2mm anodized Aluminium alloy
Cable	1 x 0.75/1.0/1.5 mm ² , 100-350 mm length or customized
Connectors	Male / Female Waterproof compatible
Dimension	1075mm x 348mm x 159 mm
Weight	13.38 kg
Wind resistance	>160km/h
Wind load	2400 Pa or 244 kg/m ²
Snow load	5400 Pa or 550 kg/m ²

Packaging information

Packaging configuration	1 pc / carton
Loading capacity	600 pcs / 40 HQ
Size / Pallet	300 pcs / 20 FT
Packing Class	Calss 9, UN3481



Model	
Power	80W
System Voltage	DC24V
Luminous flux	200lm/w
Solar panels	160W/18V
LiFePO4 battery	46Ah/12.8V
LED module	* Module by 50pcs chip
LED brand	Philips 5050
Charging time	<6 hrs
Discharge time	12-13 hours/day+morning lighting mode 1hr, 3-4 days of cloudy and rainy days
Controller	MPPT.15A/20A 12/24V
Human body induction	Infrared or microwave sensors
Light source efficiency	200Lm/W
IP&IK	IP66,IK08
Size	1075mm x 348mm x 159 mm

Color	Grey or specified RAL color card number
Color temperature	(2700K~6500K)±300K
Rendering Index	≥70/80
Optical lens	T2 75° ~150 ° * UV resistant (other angles optional)
Operation temperature	-10℃ ~+55℃
Material	Aluminum die-casting shell+polyester paint, stainless steel screws, and polycarbonate lens
Service life	>100,000 hrs
Warranty	5 years

*NMOT: Normal Module Operating Temperature (Ambient temperature 20°C, air mass of AM1.5 and wind speed of 1 m/s)

Huzhou Charming Lighting Co., Ltd.

Jiacheng high-tech zone, Qixing road, Wuxing, Huzhou, Zhejiang, China

Tel: (86) 18006626989 | Email: feng@charming-tech.cn

SOLAR STREET LIGHT

All In One Series 100W

MONO-CRYSTALLINE PV MODULES

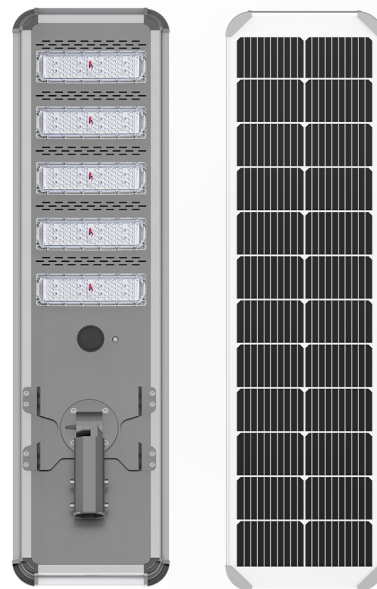
LiFePO4 LITHIUM BATTERY

Mechanical and design specification

Cell type	Mono , 1020mm × 510mm × 30mm
Efficiency	Photoelectric conversion rate>22%
Front cover	ADC12 High-Pressure Die-Cast aluminum
Coating	RAL Grey Color, Treated with Electrostatic Spraying.
Fixed Holder	Inner Dia78φ, 15-30 degree
Battery box	IP65 rated, 1020*510*300mm
Frame	Modle B 30 mm, 1.2mm anodized Aluminium alloy
Cable	1 x 0.75/1.0/1.5 mm ² , 100-350 mm length or customized
Connectors	Male / Female Waterproof compatible
Dimension	1075mm x 348mm x 159 mm
Weight	15.5 kg
Wind resistance	>160km/h
Wind load	2400 Pa or 244 kg/m ²
Snow load	5400 Pa or 550 kg/m ²

Packaging information

Packaging configuration	1 pc / carton
Loading capacity	600 pcs / 40 HQ
Size / Pallet	300 pcs / 20 FT
Packing Class	Calss 9, UN3481



Model	
Power	100W
System Voltage	DC24V
Luminous flux	200lm/w
Solar panels	200W/18V
LiFePO4 battery	54Ah/12.8V
LED module	* Module by 50pcs chip
LED brand	Philips 5050
Charging time	<6 hrs
Discharge time	12-13 hours/day+morning lighting mode 1hr, 3-4 days of cloudy and rainy days
Controller	MPPT.15A/20A 12/24V
Human body induction	Infrared or microwave sensors
Light source efficiency	200Lm/W
IP&IK	IP66, IK08
Size	1075mm x 348mm x 159 mm

Color	Grey or specified RAL color card number
Color temperature	(2700K~6500K)±300K
Rendering Index	≥70/80
Optical lens	T2 75° ~150 ° * UV resistant (other angles optional)
Operation temperature	-10℃ ~+55℃
Material	Aluminum die-casting shell+polyester paint, stainless steel screws, and polycarbonate lens
Service life	>100,000 hrs
Warranty	5 years

*NMOT: Normal Module Operating Temperature (Ambient temperature 20°C, air mass of AM1.5 and wind speed of 1 m/s)

Huzhou Charming Lighting Co., Ltd.

Jiacheng high-tech zone, Qixing road, Wuxing, Huzhou, Zhejiang, China

Tel: (86) 18006626989 | Email: feng@charming-tech.cn

SOLAR STREET LIGHT

All In One Series 120W

MONO-CRYSTALLINE PV MODULES

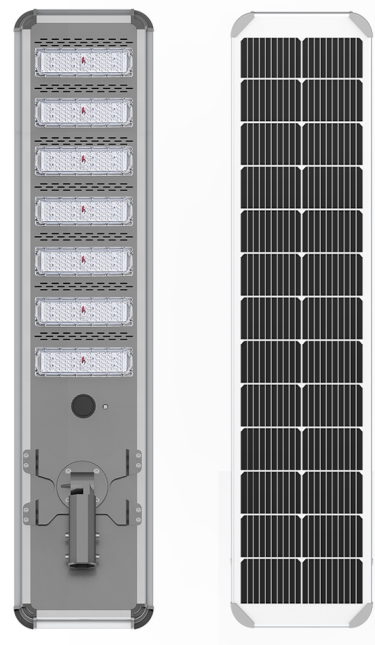
LiFePO4 LITHIUM BATTERY

Mechanical and design specification

Cell type	Mono , 1020mm × 610mm × 40mm
Efficiency	Photoelectric conversion rate>22%
Front cover	ADC12 High-Pressure Die-Cast aluminum
Coating	RAL Grey Color, Treated with Electrostatic Spraying.
Fixed Holder	Inner Dia78φ, 15-30 degree
Battery box	IP65 rated, 1020*610*40mm
Frame	Modle B 30 mm, 1.2mm anodized Aluminium alloy
Cable	1 x 0.75/1.0/1.5 mm ² , 100-350 mm length or customized
Connectors	Male / Female Waterproof compatible
Dimension	1531mm x 401.2mm x 759 mm
Weight	21kg
Wind resistance	>160km/h
Wind load	2400 Pa or 244 kg/m ²
Snow load	5400 Pa or 550 kg/m ²

Packaging information

Packaging configuration	1 pc / carton
Loading capacity	500 pcs / 40 HQ
Size / Pallet	200 pcs / 20 FT
Packing Class	Calss 9, UN3481



Model

Power	120W
System Voltage	DC24V
Luminous flux	200lm/w
Solar panels	200W/18V
LiFePO4 battery	60Ah/12.8V
LED module	* Module by 50pcs chip
LED brand	Philips 5050
Charging time	<6 hrs
Discharge time	12-13 hours/day+morning lighting mode 1hr, 3-4 days of cloudy and rainy days
Controller	MPPT.15A/20A 12/24V
Human body induction	Infrared or microwave sensors
Light source efficiency	200Lm/W
IP&IK	IP66, IK08
Size	1531mm x 401.2mm x 159 mm

Color	Grey or specified RAL color card number
Color temperature	(2700K~6500K)±300K
Rendering Index	≥70/80
Optical lens	T2 75° ~150 ° * UV resistant (other angles optional)
Operation temperature	-10℃ ~+55℃
Material	Aluminum die-casting shell+polyester paint, stainless steel screws, and polycarbonate lens
Service life	>100,000 hrs
Warranty	5 years

*NMOT: Normal Module Operating Temperature (Ambient temperature 20°C, air mass of AM1.5 and wind speed of 1 m/s)