

Solar Solutions & Lighting



POLLUTION



QUIENES SOMOS

Master Battery es una compañía de capital español, dedicados al desarrollo, fabricación y venta de soluciones de energía en los cinco continentes, bajo los estándares internacionales de calidad implementados en la compañía. Colaborando activamente con nuestros clientes, aportando soluciones en múltiples sectores como Defensa, Seguridad, Industria, Telecomunicaciones, Renovables, Naval y Pesquero entre otros.

Nuestra Cultura:

- Visión: Esfuerzo constante para ser un referente en soluciones de energía.
- Misión: Desarrollar y ofrecer productos y soluciones de calidad a precios competitivos, con una gestión eficiente y un servicio al cliente excelente.

Creemos en nuestros productos y estaremos orgullosos de colaborar en su éxito.

ABOUT US

Master Battery is a Spanish company dedicated to developing, manufacturing and selling energy solutions around the world under the international quality standards implemented in the company. We collaborate actively with our customers, providing solutions in many sectors such as Defense, Security, Industry, Telecommunications, Renewable, Marine and Fisheries among others.

Our Culture:

- Vision: constant effort to be a leader in energy solutions.
- Mission: To develop and deliver quality products and solutions at competitive prices, with efficient management and excellent customer service.

We believe in our products and we will be proud contributing to your success.



SOLAR LIGHTING KIT



KIT SOLAR DE ILUMINACION

El kit de iluminación solar (SLS), consiste en un panel solar, un controlador de carga, una batería y de lámparas LED. Este kit está diseñado para proporcionar iluminación en casas, tiendas donde no hay suministro eléctrico. Dispone de varias medidas de protección: cambio de polaridad, sobre-carga o carga incompleta de la batería, sobre carga del sistema y cortocircuito. Posee salidas de 5V y 12V en corriente continua (DC) que puede usarse para alimentar pequeños electrodomésticos que funcionen en corriente continua, como por ejemplo: como cargadores teléfonos móviles, radios, ventiladores, etc. Pudiéndose usar para acampadas, actividades al aire libre o emergencias.

Características

- Ahorro energético
- Cero contaminación
- Kit todo en uno
- Fácil instalación
- Multi-protección
- Fácil de usar y transportar

SOLAR LIGHTING KIT



SLS-A



SLS-B

Model number	SLS-A	SLS-B
Solar panel	5W monocrystalline	15W monocrystalline
Battery	12V4.0Ah AGM DC battery	12V12Ah AGM DC battery
The maximum continuous output power	45Wh	150Wh
Recommended output power per day	27Wh	90Wh
Light source	2 pcs DC 12V2W LED lamp	4 pcs DC 12V2W LED lamp
Luminous flux	60 ± 5 lm/w	60 ± 5 lm/w
The maximum continuous working hour	12 hours (2 pcs lamp) 24 hours (1 pcs lamp)	18 hours (4 pcs lamp) 36 hours (2 pcs lamp)
Recommended working hour per day	7 hours (2 pcs lamp) 14 hours (1 pcs lamp)	10 hours (4 pcs lamp) 21 hours (2 pcs lamp)
Charging time	14 hours	14 hours
Output voltage	DC 5V/12V	DC 5V/12V
Ambient temperature	-10℃~45℃	-10℃~45℃
Relative humidity	0~85%RH	0~85%RH
Operating altitude	0~2500m	0~2500m
Size of solar panel(mm)	285×185×25	405×345×25
Size of host case (mm)	182×128×81	197×131×147
Total weight	3.3kgs	7.9kgs

Características

- Alimentación de lámparas LED
- Cargador de teléfonos móviles, Mp3, cámaras, etc.
- Alimentación de ventiladores de corriente continua (DC)



SOLAR LIGHTING KIT



SLS-C



SLS-C1

Model number	SLS-C	SLS-C1
Solar panel	10W monocrystalline	5W monocrystalline
Battery	12V8.0Ah AGM DC battery	12V4Ah AGM DC battery
The maximum continuous output power	100Wh	45Wh
Recommended output power per day	60Wh	27Wh
Light source	4 pcs DC 12V2 W LED lamp	4 pcs DC 12V2W LED lamp
Luminous flux	60 ± 5 lm/w	60 ± 5 lm/w
The maximum continuous working hour	12 hours (4 pcs lamp) 24 hours (2 pcs lamp)	5.5 hours (4 pcs lamp) 11 hours (2 pcs lamp)
Recommended working hour per day	7 hours (4 pcs lamp) 14 hours (2 pcs lamp)	3 hours (4 pcs lamp) 6.5 hours (2 pcs lamp)
Charging time	14 hours	14 hours
Output voltage	DC 5V/12V	DC 5V/12V
Ambient temperature	-10°C~45°C	-10°C~45°C
Relative humidity	0~85%RH	0~85%RH
Operating altitude	0~2500m	0~2500m
Size of solar panel(mm)	285×345×25	285×185×25
Size of host case (mm)	200×84×190	200×84×190
Total weight	5.1kgs	4.0kgs

Características

- Alimentación de lámparas LED
- Cargador de teléfonos móviles, Mp3, cámaras, etc.
- Alimentación de ventiladores de corriente continua (DC)



SOLAR LIGHTING KIT



SLS-D



SLS-E

Model number	SLS-D	SLS-E
Solar panel	3W monocrystalline	3W monocrystalline
Battery	12V1.3Ah AGM DC battery	12V1.5Ah lithium battery
The maximum continuous output power	14Wh	18Wh
Recommended output power per day	8Wh	11Wh
Light source	2 pcs DC 12V2 W LED lamp	2 pcs DC 12V2W LED lamp
Luminous flux	60 ± 5 lm/w	60 ± 5 lm/w
The maximum continuous working hour	3.5 hours (2 pcs lamp) 7 hours (1 pcs lamp)	4.5 hours (2 pcs lamp) 9 hours (1 pcs lamp)
Recommended working hour per day	2 hours (2 pcs lamp) 4 hours (1 pcs lamp)	2.5 hours (2 pcs lamp) 5.5 hours (1 pcs lamp)
Charging time	7 hours	9 hours
Output voltage	DC 5V/12V	DC 5V/12V
Ambient temperature	-10°C~45°C	-10°C~45°C
Relative humidity	0~85%RH	0~85%RH
Operating altitude	0~2500m	0~2500m
Size of solar panel(mm)	210×180×18	210×180×18
Size of host case (mm)	170×135×60	135×110×32
Total weight	2.1kgs	1.5kgs

Características

- Alimentación de lámparas LED
- Cargador de teléfonos móviles, Mp3, cámaras, etc.



SOLAR LIGHTING KIT



SLS-G

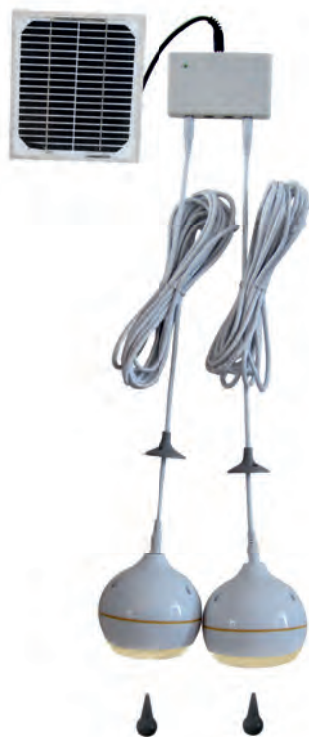


SLS-F

Solar Lighting Kit

Model number	SLS-G	SLS-F
Solar panel	3W monocrystalline	3W monocrystalline
Battery	12V2300mAh lithium battery	12V2.8Ah AGM DC battery
The maximum continuous output power	27Wh	33Wh
Recommended output power per day	16Wh	20Wh
Light source	1W LED(torch)+0.9W LED(table lamp)	1W+1.2W LED
The maximum continuous working hour	27 hours	28 hours
Recommended working hour per day	16 hours	16 hours
Charging time	14 hours	16 hours
Output voltage	DC 5V	DC 5V
Ambient temperature	-10℃~45℃	-10℃~45℃
Relative humidity	0~85%RH	0~85%RH
Operating altitude	0~2500m	0~2500m
Size of solar panel(mm)	210×180×18	210×180×18
Size of host case (mm)	192×90×105	128×62×205
Total weight	1.2kgs	1.9kgs

SOLAR LIGHTING KIT



SLS-H1



SLS-H2

Model number	SLS-H1	SLS-H2
Solar panel	3W monocrystalline	5W monocrystalline
Light source	2pcs 3W LED lamp with 12V1500mAh lithium battery inside with 5 meters cable	4pcs 3W LED lamp with 12V1500mAh lithium battery inside with 5 meters cable
Luminous flux	60 ± 5 lm/w	60 ± 5 lm/w
The maximum continuous working hour	5 hours	5 hours
Recommended working hour per day	3.5 hours	3.5 hours
Line concentrator	One hub with one solar panel input socket and 4 DC socket	One hub with one solar panel input socket and 4 DC socket
Charging time	18hours	21hours
Ambient temperature	-10℃~45℃	-10℃~45℃
Relative humidity	0~85%RH	0~85%RH
Operating altitude	0~2500m	0~2500m
Size of solar panel(mm)	210×180×18	210×180×18

SOLAR DC POWER KIT



KIT SOLAR DE ALIMENTACION CONTINUA (DC)

El kit solar de alimentación continua (DC) aislado de red consiste en un panel solar, un controlador de carga y una batería. El sistema está especialmente diseñado para alimentar aplicaciones comerciales o particulares independientes de 5V y 12V en corriente continua en localizaciones remotas o en aquellas en las que no haya suministro eléctrico. Dispone de varias medidas de protección: cambio de polaridad, sobre-carga o carga incompleta de la batería, sobre carga del sistema y cortocircuito. Posee salidas de 5V y 12V en corriente continua (DC) que puede usarse para alimentar pequeños electrodomésticos que funcionen en corriente continua, como por ejemplo: como cargadores teléfonos móviles, radios, ventiladores, etc. Con la ayuda de un inversor externo, puede utilizarse también para alimentar ventiladores, televisión, ordenadores, herramienta eléctrica, etc. Pudiéndose usar para acampadas, actividades al aire libre o emergencias.

Características

- Ahorro energético
- Cero contaminación
- Kit todo en uno
- Fácil instalación
- Multi-protección
- Fácil de usar y transportar

SOLAR DC POWER KIT



SDC-A-100



SDC-A-150

Model number	SDC-A-100	SDC-A-150
Solar panel	20W monocrystalline	30W (15W×2pcs) monocrystalline
Battery	12V8.0Ah AGM DC battery	12V12Ah AGM DC battery
The maximum continuous output power	100Wh	150Wh
Recommended output power per day	60Wh	90Wh
Light source	3 pcs DC 12V2W LED lamp	3 pcs DC 12V2W LED lamp
Luminous flux	60 ± 5 lm/w	60 ± 5 lm/w
The maximum continuous working hour	16.5 hours (3 pcs lamp) 50 hours (1 pcs lamp)	25 hours (3 pcs lamp) 75 hours (1 pcs lamp)
Recommended working hour per day	10 hours (3 pcs lamp) 30 hours (1 pcs lamp)	15 hours (3 pcs lamp) 45 hours (1 pcs lamp)
Charging time	7 hours	7 hours
Output voltage	DC 5V/12V	DC 5V/12V
Ambient temperature	-10℃~45℃	-10℃~45℃
Relative humidity	0~85%RH	0~85%RH
Operating altitude	0~2500m	0~2500m
Size of solar panel(mm)	550×350×25	405×345×60
Weight of solar panel	2.5kgs	4.5kgs
Size of host case (mm)	220×170×150	220×170×150
Weight of host case	4.7kgs	5.6kgs

Características

- Alimentación de lámparas LED
- Alimentar herramienta eléctrica, TV, ordenadores usando un inversor externo de 150W
- Cargador de teléfonos móviles, Mp3, cámaras, etc.
- Alimentación de ventiladores de corriente continua (DC)



SOLAR DC POWER KIT



SDC-A-200

SDC-A-400

Model number	SDC-A-200	SDC-A-400
Solar panel	40W (20W×2pcs) monocrystalline	80W monocrystalline
Battery	12V18Ah AGM DC battery	12V33Ah AGM DC battery
The maximum continuous output power	200Wh	400Wh
Recommended output power per day	120Wh	240Wh
Light source	3 pcs DC 12V2W LED lamp	3 pcs DC 12V2W LED lamp
Luminous flux	60 ± 5 lm/w	60 ± 5 lm/w
The maximum continuous working hour	33 hours (3 pcs lamp) 100 hours (1 pcs lamp)	66.5 hours (3 pcs lamp) 200 hours (1 pcs lamp)
Recommended working hour per day	20 hours (3 pcs lamp) 60 hours (1 pcs lamp)	40 hours (3 pcs lamp) 120 hours (1 pcs lamp)
Charging time	7 hours	7 hours
Output voltage	DC 5V/12V	DC 5V/12V
Ambient temperature	-10℃~45℃	-10℃~45℃
Relative humidity	0~85%RH	0~85%RH
Operating altitude	0~2500m	0~2500m
Size of solar panel(mm)	450×345×60	1210×540×35
Weight of solar panel	5.2kgs	8.2kgs
Size of host case (mm)	270×227×220	300×300×200
Weight of host case	10.0kgs	19.2kgs

Características

- Alimentación de lámparas LED
- Alimentar herramienta eléctrica, TV, ordenadores usando un inversor externo de 200W
- Cargador de teléfonos móviles, Mp3, cámaras, etc.
- Alimentación de ventiladores de corriente continua (DC)



SOLAR DC POWER KIT



SDC-A-450

SDC-B-200

Model number	SDC-A-450	SDC-B-200
Solar panel	100W monocrystalline	40W (20W × 2pcs) monocrystalline
Battery	12V38Ah AGM DC battery	12V18Ah AGM DC battery
The maximum continuous output power	450Wh	200Wh
Recommended output power per day	270Wh	120Wh
Light source	3pcs DC 12V2W LED lamp	3pcs DC 12V2W LED lamp
Luminous flux	60 ± 5 lm/w	60 ± 5 lm/w
The maximum continuous working hour	75 hours (3 pcs lamp) 225 hours (1 pcs lamp)	33 hours (3 pcs lamp) 100 hours (1 pcs lamp)
Recommended working hour per day	45 hours (3 pcs lamp) 135 hours (1 pcs lamp)	20 hours (3 pcs lamp) 60 hours (1 pcs lamp)
Charging time	6.5 hours	8 hours
Electricity charging function	no	yes
Output voltage	DC 5V/12V	DC 5V/12V
Ambient temperature	-10℃~45℃	-10℃~45℃
Relative humidity	0~85%RH	0~85%RH
Operating altitude	0~2500m	0~2500m
Size of solar panel(mm)	1250×808×35	/
Weight of solar panel	11.8kgs	/
Size of host case (mm)	300×300×200	470×430×190
Weight of host case	23.5kgs	10.5kgs

Características

- Alimentación de lámparas LED
- Alimentar herramienta eléctrica, TV, ordenadores usando un inversor externo de 200W
- Cargador de teléfonos móviles, Mp3, cámaras, etc.
- Alimentación de ventiladores de corriente continua (DC)

Solar DC Power Kit



SOLAR AC POWER KIT



KIT SOLAR DE ALIMENTACION ALTERNA (AC)

El kit solar de alimentación alterna (AC) aislado de red consiste en un panel solar, un controlador de carga y una batería. El sistema está especialmente diseñado para alimentar aplicaciones comerciales o particulares independientes de 5V y 12V en corriente continua y de 110V o 220V en corriente alterna (AC) en localizaciones remotas o en aquellas en las que no haya suministro eléctrico. Dispone de varias medidas de protección: cambio de polaridad, sobrecarga o carga incompleta de la batería, sobre carga del sistema y cortocircuito. Puede utilizarse para alimentar pequeños electrodomésticos y dispositivos tanto en corriente alterna (AC) como en corriente continua (DC), como lámparas, ventiladores, TV, ordenadores, frigoríficos e incluso aire acondicionado y bombas de agua.

Características

- Ahorro energético
- Cero contaminación
- Kit todo en uno
- Fácil instalación
- Multi-protección
- Fácil de usar y transportar

SOLAR AC POWER KIT



SAC-F-200W/A



SAC-F-200W/B

Model number	SAC-F-200W/A	SAC-F-200W/B
Rated power	200W	200W
Solar panel	30W (15W×2pcs) monocrystalline	40W (20W×2pcs) monocrystalline
Battery	12V12Ah AGM DC battery	12V18Ah AGM DC battery
The maximum continuous output power	140Wh	200Wh
Recommended output power per day	80Wh	120Wh
Continuous working time	40mins at 200W output (approx.)	1hour at 200W output (approx.)
Light source	3pcs DC 12V 2 W LED lamp	3pcs DC 12V 2 W LED lamp
Luminous flux	60 ± 5 lm/w	60 ± 5 lm/w
The maximum continuous working hour	21.5 hours (3 pcs lamp) 65 hours (1 pcs lamp)	33 hours (3 pcs lamp) 100 hours (1 pcs lamp)
Recommended working hour per day	13 hours (3 pcs lamp) 40 hours (1 pcs lamp)	20 hours (3 pcs lamp) 60 hours (1 pcs lamp)
Charging time	7 hours	7 hours
Output voltage	DC 5V/12V AC 110V or 220V 50~60Hz	DC 5V/12V AC 110V or 220V 50~60Hz
Precision of output voltage	3%	3%
Output waveform	Pure sine wave	Pure sine wave
Ambient temperature	-10℃~45℃	-10℃~45℃
Relative humidity	0~85%RH	0~85%RH
Operating altitude	0~2500m	0~2500m
Size of solar panel(mm)	405×350×60	450×345×60
Weight of solar panel	3.4kgs	5.2kgs
Size of host case (mm)	220×230×150	270×227×230
Weight of host case	5.0kgs	10.0kgs

Características

- Alimentación de lámparas LED
- Alimentar en AC o DC herramienta eléctrica, TV, ordenadores, ventiladores.
- Cargador de teléfonos móviles, Mp3, cámaras, etc.
- Alimentación de ventiladores de corriente continua (DC)



SOLAR AC POWER KIT



SAC-F-300W



SAC-I-200W

Model number	SAC-F-300W	SAC-I-200W
Rated power	300W	200W
Solar panel	80W monocrystalline	15W monocrystalline
Battery	12V33Ah AGM DC battery	12V8Ah AGM DC battery
The maximum continuous output power	400Wh	100Wh
Recommended output power per day	240Wh	60Wh
Continuous working time	80mins at 300W output (approx.)	30mins at 200W output (approx.)
Light source	3 pcs DC 12V 2W LED lamp	4 pcs DC 12V 2W LED lamp
Luminous flux	60 ± 5 lm/w	60 ± 5 lm/w
The maximum continuous working hour	66.5 hours (3 pcs lamp) 200 hours (1 pcs lamp)	12 hours (4 pcs lamp) 25 hours (2 pcs lamp)
Recommended working hour per day	40 hours (3 pcs lamp) 120 hours (1 pcs lamp)	7.5 hours (4 pcs lamp) 15 hours (2 pcs lamp)
Charging time	7 hours	9 hours
Output voltage	DC 5V/12V AC 110V or 220V 50~60Hz	DC 5V/12V AC 110V or 220V 50~60Hz
Precision of output voltage	3%	3%
Output waveform	Pure sine wave	Pure sine wave
Ambient temperature	-10℃~45℃	-10℃~45℃
Relative humidity	0~85%RH	0~85%RH
Operating altitude	0~2500m	0~2500m
Size of solar panel(mm)	1210×540×35	405×345×25
Weight of solar panel	8.2kgs	2.0kgs
Size of host case (mm)	300×300×200	280×80×200
Weight of host case	15.9kgs	4.5 kgs

Características

- Alimentación de lámparas LED
- Alimentar en AC o DC herramienta eléctrica, TV, ordenadores, ventiladores.
- Cargador de teléfonos móviles, Mp3, cámaras, etc.
- Alimentación de ventiladores de corriente continua (DC)



SOLAR AC POWER KIT



SAC-G-200W/A

SAC-G-200W/B

Model number	SAC-G-200W/A	SAC-G-200W/B
Rated power	200W	200W
Solar panel	20W monocrystalline	40W (20W×2pcs) monocrystalline
Battery	12V8.5Ah AGM DC battery	12V18Ah AGM DC battery
The maximum continuous output power	100Wh	200Wh
Recommended output power per day	60Wh	120Wh
Continuous working time	30mins at 200W output (approx.)	1hour at 200W output (approx.)
Light source	3 pcs DC 12V 2W LED lamp	3 pcs DC 12V 2W LED lamp
Luminous flux	60 ± 5 lm/w	60 ± 5 lm/w
The maximum continuous working hour	16.5 hours (3 pcs lamp) 50 hours (1 pcs lamp)	33 hours (3 pcs lamp) 100 hours (1 pcs lamp)
Recommended working hour per day	10 hours (3 pcs lamp) 30 hours (1 pcs lamp)	20 hours (3 pcs lamp) 60 hours (1 pcs lamp)
Charging time	8 hours	7 hours
Output voltage	DC 5V/12V AC 110V or 220V 50~60Hz	DC 5V/12V AC 110V or 220V 50~60Hz
Precision of output voltage	3%	3%
Output waveform	Pure sine wave	Pure sine wave
Ambient temperature	-10℃~45℃	-10℃~45℃
Relative humidity	0~85%RH	0~85%RH
Operating altitude	0~2500m	0~2500m
Size of solar panel(mm)	550×350×25	450×345×60
Weight of solar panel	2.6kgs	5.2kgs
Size of host case (mm)	265×110×220	325×110×220
Weight of host case	4.9kgs	8.0kgs

Características

- Alimentación de lámparas LED
- Alimentar en AC o DC herramienta eléctrica, TV, ordenadores, ventiladores.
- Cargador de teléfonos móviles, Mp3, cámaras, etc.
- Alimentación de ventiladores de corriente continua (DC)



SOLAR AC POWER KIT



SAC-C-300W/A

SAC-C-300W/B

Model number	SAC-C-300W/A	SAC-C-300W/B
Rated power	300W	300W
Solar panel	30W (15W×2pcs) monocrystalline	40W (20W×2pcs) monocrystalline
Battery	12V18Ah AGM DC battery	12V22Ah AGM DC battery
The maximum continuous output power	200Wh	260Wh
Recommended output power per day	120Wh	150Wh
Continuous working time	40mins at 300W output (approx.)	50mins at 300W output (approx.)
Electricity charging function	yes	yes
Light source	3 pcs DC 12V 2 W LED lamp	3 pcs DC 12V 2 W LED lamp
Luminous flux	60 ± 5 lm/w	60 ± 5 lm/w
The maximum continuous working hour	33 hours (3 pcs lamp) 100 hours (1 pcs lamp)	43 hours (3 pcs lamp) 130 hours (1 pcs lamp)
Recommended working hour per day	20 hours (3 pcs lamp) 60 hours (1 pcs lamp)	25 hours (3 pcs lamp) 75 hours (1 pcs lamp)
Charging time	10 hours	9 hours
Output voltage	DC 5V/12V AC 110V or 220V 50~60Hz	DC 5V/12V AC 110V or 220V 50~60Hz
Precision of output voltage	3%	3%
Output waveform	Pure sine wave	Pure sine wave
Ambient temperature	-10℃~45℃	-10℃~45℃
Relative humidity	0~85%RH	0~85%RH
Operating altitude	0~2500m	0~2500m
Size of host case (mm)	430×430×190	470×430×190
Weight of host case	14.6kgs	17.5kgs

Características

- Alimentación de lámparas LED
- Alimentar en AC o DC herramienta eléctrica, TV, ordenadores, ventiladores.
- Cargador de teléfonos móviles, Mp3, cámaras, etc.
- Alimentación de ventiladores de corriente continua (DC)



SOLAR AC POWER KIT



SAC-B-300W

SAC-B-500W

Model number	SAC-B-300W	SAC-B-500W
Rated power	300W	500W
Solar panel	200W (100W×2pcs) monocrystalline	300W (150W×2pcs) monocrystalline
Battery	12V65Ah AGM DC battery	12V100Ah AGM DC battery
The maximum continuous output power	800Wh	1200Wh
Recommended output power per day	480Wh	720Wh
Continuous working time	2.5 hours at 300W output (approx.)	2.5 hours at 500W output (approx.)
Charging time	6 hours	6 hours
Output voltage	DC 12V	DC 12V
	AC 110V or 220V 50~60Hz	AC 110V or 220V 50~60Hz
Precision of output voltage	3%	3%
Output waveform	Pure sine wave	Pure sine wave
Ambient temperature	-10℃~45℃	-10℃~45℃
Relative humidity	0~85%RH	0~85%RH
Operating altitude	0~2500m	0~2500m
Size of solar panel(mm)	1250×808×35/pcs	1580×808×35/pcs
Weight of solar panel	11.8kgs/pcs	15.5kgs/pcs
Size of host case (mm)	450×280×570	450×280×570
Weight of host case	31.2kgs	41.0kgs

Características

- Alimentación de lámparas LED
- Alimentar en AC o DC herramienta eléctrica, TV, ordenadores, frigoríficos, lavadoras
- Cargador de teléfonos móviles, Mp3, cámaras, etc.
- Alimentación de ventiladores de corriente continua (DC)



SOLAR AC POWER KIT



SAC-E-500W



SAC-E-1000W

Solar AC Power Kit

Model number	SAC-E-500W	SAC-E-1000W
Rated power	500W	1000W
Solar panel	300W (150W×2pcs) monocrystalline	600W (200W×3pcs) monocrystalline
Battery	12V100Ah AGM DC battery	2 pcs 12V100Ah AGM DC battery
The maximum continuous output power	1200Wh	2400Wh
Recommended output power per day	720Wh	1500Wh
Continuous working time	2.5 hours at 500W output (approx.)	2.5 hours at 1000W output (approx.)
Charging time	6 hours	6 hours
Output voltage	AC 110V or 220V 50~60Hz	AC 110V or 220V 50~60Hz
Precision of output voltage	3%	3%
Output waveform	Pure sine wave	Pure sine wave
Ambient temperature	-10℃~45℃	-10℃~45℃
Relative humidity	0~85%RH	0~85%RH
Operating altitude	0~2500m	0~2500m
Size of solar panel(mm)	1580×808×35/pcs	1650×992×46/pcs
Weight of solar panel	15.5kgs/pcs	20.0kgs/pcs
Size of host case (mm)	550×450×960	550×450×960
Weight of host case	49.5kgs	77.0kgs

Características

- Alimentar herramienta eléctrica, TV, ordenadores, frigoríficos, ventiladores en AC, lavadoras.



SOLAR AC POWER KIT



SAC-H-1500W



SAC-H-2000W

Model number	SAC-H-1500W	SAC-H-2000W
Rated power	1500W	2000W
Solar panel	8 pcs 35V 200W monocrystalline	10 pcs 35V 200W monocrystalline
Battery	4 pcs 12V120Ah AGM DC battery	4 pcs 12V150Ah AGM DC battery
The maximum continuous output power	5700Wh	7200Wh
Recommended output power per day	3500Wh	4320Wh
Continuous working time	3.5 hours at 1500W output (approx.)	3.5 hours at 2000W output (approx.)
Charging time	6 hours	6 hours
Output voltage	AC 110V or 220V 50~60Hz	AC 110V or 220V 50~60Hz
Precision of output voltage	3%	3%
Output waveform	Pure sine wave	Pure sine wave
Ambient temperature	-10℃~45℃	-10℃~45℃
Relative humidity	0~85%RH	0~85%RH
Operating altitude	0~2500m	0~2500m
Size of solar panel(mm)	1650×992×46/pcs	1650×992×46/pcs
Weight of solar panel	20.0kgs/pcs	20.0kgs/pcs
Size of host case (mm)	630×280×330	630×280×330

Características

- Alimentar herramienta eléctrica, TV, ordenadores, frigoríficos, ventiladores en AC, lavadoras.



Solar AC Power Kit

SOLAR AC POWER KIT



SAC-H-3000W



SAC-H-5000W

Solar AC Power Kit

Model number	SAC-H-3000W	SAC-H-5000W
Rated power	3000W	5000W
Solar panel	14 pcs 35V200W monocrystalline	24 pcs 35V200W monocrystalline
Battery	4 pcs 12V200Ah AGM DC battery	8 pcs 12V200Ah AGM DC battery
The maximum continuous output power	9600Wh	19200Wh
Recommended output power per day	5700Wh	11520Wh
Continuous working hours	3 hours at 3000W output (approx.)	3.5 hours at 5000W output (approx.)
Charging time	6 hours	6 hours
Output voltage	AC 110V or 220V 50~60Hz	AC 110V or 220V 50~60Hz
Precision of output voltage	3%	3%
Output waveform	Pure sine wave	Pure sine wave
Ambient temperature	-10℃~45℃	-10℃~45℃
Relative humidity	0~85%RH	0~85%RH
Operating altitude	0~2500m	0~2500m
Size of solar panel(mm)	1650×992×46/pcs	1650×992×46/pcs
Weight of solar panel	20.0kgs/pcs	20.0kgs/pcs
Size of host case (mm)	630×280×330	630×280×330

Características

- Alimentar herramienta eléctrica, TV, ordenadores, frigoríficos, ventiladores en AC, lavadoras.



SOLAR LITHIUM LIGHT



FAROLA SOLAR CON BATERÍA DE LITIO

La iluminación solar urbana esta diseñada para proporcionar iluminación en calles, carreteras, parques, campus, etc. Está compuesta por un panel solar, un controlador de carga, una batería de litio, una luminaria LED. Durante el día, el panel solar recoge la energía del sol y la convierte en electricidad la cual carga la batería bajo la supervisión del controlador de carga según las condiciones de luz solar y el estado de la batería. La luminaria es automáticamente encendida mediante un sensor de luz y apagada mediante un temporizador ajustable. Es una solución ideal para aquellas localizaciones o áreas donde la conexión a la red general es inaccesible, difícil o imposible.

Características

- Ahorro energético
- Cero contaminación
- Sin cableado ni zanjas
- Funcionamiento a baja tensión
- Larga vida útil
- Fácil instalación y mantenimiento

Farola Solar con Batería de Litio



FAROLAS DE LITIO



ES-208

Integrated Solar garden light (8W)



ES-212

Integrated Solar garden light (12W)



ES-215

Integrated Solar garden light (15W)

Model NUMBER		ES-208	ES-212	ES-212
Solar panel	Max power	18V15W	18V18W	
		(High efficiency imported solar cell)	(High efficiency imported solar cell)	(High efficiency imported solar cell)
Battery	Life time	25 years	25 years	25 years
	Type	lithium battery	lithium battery	lithium battery
	Life time	5 years	5 years	5 years
LED Lamp (with sensor)	Max power	12V 8W	12V 12W	12V 15W
	led chip brand	Epistar from Taiwan with high brightness	Epistar from Taiwan with high brightness	Epistar from Taiwan with high brightness
	lumen (LM)	800-880lm	1200-1320lm	1500-1650lm
	Life time	50000hours	50000hours	50000hours
	Viewing Angle	120°	120°	120°
Charge time	by sun	6 hours	5-6 hours	7 hours
Discharge time	full power	12hours	more than 20 hours	more than 20 hours
	half power	24hours	(Saving power mode)	(Saving power mode)
Working Temperature	range(°C)	-20°C~+60°C	-20°C~+60°C	-20°C~+60°C
Colour temperature	range(k)	6000k	6000k	6000k
Mounting height	range (m)	3-4m	3-4m	4-5m
Space between light	range (m)	8-10m	8-10m	10-15m
Lamps material of main	aluminium alloy	aluminium alloy	aluminium alloy	aluminium alloy
Certificate	CE / ROHS / IP65	CE / ROHS / IP65	CE / ROHS / IP65	CE / ROHS / IP65
Warranty period	2 years	2 years	2 years	2 years
Packing & Weight	product/packing size	515*320*52 mm 530*390*140 mm	515*320*52 mm 530*390*140 mm	650*350*60 mm
	product/packing weight	5.5 kg / 6.5 kg	5.8 kg / 6.8 kg	9.0 kg
	packing box	neutral	neutral	
	Corton size	560*W570*H410MM	560*W570*H410MM	700*420*130 mm
	Q'ty/ctn	4sets/ctn	4sets/ctn	1sets/ctn
	GW.for corton	26 kg	27 kg	10 kg

FAROLAS DE LITIO



ES-218



ES-220



ES-225

Integrated Solar street light (18W) Integrated Solar street light (20W) Integrated Solar street light (25W)

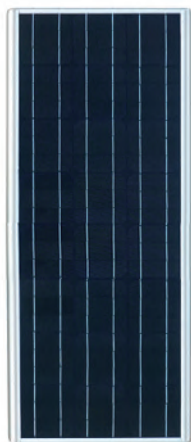


Model NUMBER		ES-218	ES-220	ES-225
Solar panel	Max power	18V40W	18V50W	18V50W
		(High efficiency imported solar cell)	(High efficiency imported solar cell)	(High efficiency imported solar cell)
Battery	Life time	25 years	25 years	25 years
	Type	lithium battery	lithium battery	lithium battery
	Life time	5 years	5 years	5 years
LED Lamp (with sensor)	Max power	12V 18W	12V 20W	12V 25W
	led chip brand	Bridgelux from USA with high brightness	Bridgelux from USA with high brightness	Bridgelux from USA with high brightness
	lumen (LM)	1800-2160lm	2000-2200lm	2500-2750lm
	Life time	50000hours	50000hours	50000hours
	Viewing Angle	120°	120°	120°
Charge time	by sun	7 h (with enough strong shine)	7 h (with enough strong shine)	7 h (with enough strong shine)
Discharge time	full power	more 10 hours	more than 10 hours	more than 10 hours
	half power	more 36 hours	more 24 hours	more 24 hours
Working Temperature	range(°C)	-30°C~+60°C	-30°C~+60°C	-30°C~+60°C
Colour temperature	range(k)	6000k	6000k	6000k
Mounting height	range (m)	5-6 m	5-6 m	5-6 m
Space between light	range (m)	18-20 m	18-20 m	18-20 m
Lamps material of main	aluminium alloy	aluminium alloy	aluminium alloy	aluminium alloy
Certificate	CE / ROHS / IP65	CE / ROHS / IP65	CE / ROHS / IP65	CE / ROHS / IP65
Warranty period	2 years	2 years	2 years	2 years
Packing & Weight	product size	920*325*43 mm 960*380*195 mm	1150*330*140 mm	1180*325*140 mm
	product weight	12 kg	16 kg	17 kg
	packing box	960*380*195 mm	1190*400*220 mm	1230*400*220 mm
	Corton size	960*380*195 mm	1190*400*220 mm	1230*400*220 mm
	Q'ty/ctn	1 sets/ctn	1sets/ctn	1sets/ctn
	GW.for corton	14.5 kg	21 kg	20 kg

Farola Solar con Batería de Litio



FAROLAS DE LITIO



Farola Solar con Batería de Litio



ES-230

Integrated Solar street light (30W)



ES-240

Integrated Solar street light (40W)

Model NUMBER		ES-230	S-240
Solar panel	Max power	18V30W (High efficiency imported solar cell)	18V60W (High efficiency imported solar cell)
	Life time	25 years	25 years
Battery	Type	lithium battery	lithium battery
	Life time	5 years	5 years
LED Lamp (with sensor)	Max power	12V 30W	12V 40W
	led chip brand	Bridgelux from USA with high brightness	Bridgelux from USA with high brightness
	lumen (LM)	3000-3300lm	4000-4400lm
	Life time	50000hours	50000hours
	Viewing Angle	120°	120°
Charge time	by sun	6 h (with enough strong shine)	6 h (with enough strong shine)
Discharge time	full power	more 10 hours	more than 10 hours
	half power	more 24 hours	more 24 hours
Working Temperature	range(°C)	-30°C~+60°C	-30°C~+60°C
Colour temperature	range(k)	6000k	6000k
Mounting height	range (m)	6-7 m	6-7 m
Space between light	range (m)	18-20 m	18-20 m
Lamps material of main	aluminium alloy	aluminium alloy	aluminium alloy
Certificate	CE / ROHS / IP65	CE / ROHS / IP65	CE / ROHS / IP65
Warranty period	2 years	2 years	2 years
Packing & Weight	product size	1180-325-140 mm	1180-325-140 mm
	product weight	18 kg	19 kg
	packing box	1230*400*220 mm	1230*400*220 mm
	Corton size	1230*400*220 mm	1230*400*220 mm
	Q'ty/ctn	1 sets/ctn	1sets/ctn
	GW.for corton	21 kg	22 kg

SOLAR GARDEN LIGHT



ILUMINACIÓN SOLAR DE JARDÍN

La iluminación solar de jardín está diseñada para proporcionar iluminación en jardines, parques residenciales, etc. Está compuesta por un panel solar, un controlador de carga, una batería, una luminaria LED y un poste. Durante el día, el panel solar recoge la energía del sol y la convierte en electricidad la cual carga la batería bajo la supervisión del controlador de carga de según las condiciones de luz solar y el estado de la batería. La luminaria es automáticamente encendida mediante un sensor de luz y apagada mediante un temporizador ajustable. Es una solución ideal para aquellas localizaciones o áreas donde la conexión a la red general es inaccesible, difícil o imposible.

Características

- Ahorro energético
- Cero contaminación
- Sin cableado ni zanjas
- Funcionamiento a baja tensión
- Larga vida útil
- Fácil instalación y mantenimiento

SOLAR GARDEN LIGHT



SGL-A-3501



SGL-A-3502



SGL-A-3503

Model number	SGL-A-3501	SGL-A-3502	SGL-A-3503
Solar panel	35W monocrystalline	35W monocrystalline	35W monocrystalline
Battery	12V40AH AGM DC battery	12V40AH AGM DC battery	12V40AH AGM DC battery
Light source	12V9W LED lamp	12V9W LED lamp	12V9W LED lamp
Luminous flux	550 ± 50 lm	550 ± 50 lm	550 ± 50 lm
Post	Galvanized steel with plastic spray treatment		
Height	4M	4M	4M
Working mode	Turn on by light sensor and turn off by time delay		
Working time	10 hours per day	10 hours per day	10 hours per day
Maximum working day	4 consecutive rainy days	4 consecutive rainy days	4 consecutive rainy days
Operating altitude	0~2500m	0~2500m	0~2500m
Ambient temperature	-10°C~45°C	-10°C~45°C	-10°C~45°C



SOLAR GARDEN LIGHT



SGL-A-3504



SGL-A-3505



SGL-A-3506

Model number	SGL-A-3504	SGL-A-3505	SGL-A-3506
Solar panel	35W monocrystalline	35W monocrystalline	35W monocrystalline
Battery	12V40AH AGM DC battery	12V40AH AGM DC battery	12V40AH AGM DC battery
Light source	12V9W LED lamp	12V9W LED lamp	12V9W LED lamp
Luminous flux	550 ± 50 lm	550 ± 50 lm	550 ± 50 lm
Post	Galvanized steel with plastic spray treatment		
Height	4M	4M	4M
Working mode	Turn on by light sensor and turn off by time delay		
Working time	10 hours per day	10 hours per day	10 hours per day
Maximum working day	4 consecutive rainy days	4 consecutive rainy days	4 consecutive rainy days
Operating altitude	0~2500m	0~2500m	0~2500m
Ambient temperature	-10℃~45℃	-10℃~45℃	-10℃~45℃



Iluminación Solar de Jardín

SOLAR GARDEN LIGHT

Iluminación Solar de Jardín



SGL-A-3507



SGL-A-3508



SGL-B-4001

Model number	SGL-A-3507	SGL-A-3508	SGL-B-4001
Solar panel	40W monocrystalline	40W monocrystalline	50W monocrystalline
Battery	12V40AH AGM DC battery	12V40AH AGM DC battery	12V40AH AGM DC battery
Light source	12V9W LED lamp	12V9W LED lamp	2 pcs12V6W LED lamp
	550 ± 50 lm	550 ± 50 lm	700 ± 70 lm
Post	Galvaniged steel with plastic spray treatment		
Height	4M	4M	4M
Working mode	Turn on by light sensor and turn off by time delay		
Working time	10 hours per day	10 hours per day	10 hours per day
Maximum working day	4 consecutive rainy days	4 consecutive rainy days	4 consecutive rainy days
Operating altitude	0~2500m	0~2500m	0~2500m
Ambient temperature	-10℃~45℃	-10℃~45℃	-10℃~45℃

SOLAR GARDEN LIGHT



SGL-B-4002



SGL-B-4003



SGL-B-4004

Model number	SGL-B-4002	SGL-B-4003	SGL-B-4004
Solar panel	50W monocrystalline	50W monocrystalline	50W monocrystalline
Battery	12V40AH AGM DC battery	12V40AH AGM DC battery	12V40AH AGM DC battery
Light source	2 pcs 12V6W LED lamp	2 pcs 12V6W LED lamp	2 pcs 12V6W LED lamp
Luminous flux	700 ± 70 lm	700 ± 70 lm	700 ± 70 lm
Post	Galvanised steel with plastic spray treatment		
Height	4M	4M	4M
Working mode	Turn on by light sensor and turn off by time delay		
Working time	10 hours per day	10 hours per day	10 hours per day
Maximum working day	4 consecutive rainy days	4 consecutive rainy days	4 consecutive rainy days
Operating altitude	0~2500m	0~2500m	0~2500m
Ambient temperature	-10℃~45℃	-10℃~45℃	-10℃~45℃

SOLAR GARDEN LIGHT

Iluminación Solar de Jardín



SGL-B-4005



SGL-B-4006



SGL-B-4007

Model number	SGL-B-4005	SGL-B-4006	SGL-B-4007
Solar panel	50W monocrystalline	50W monocrystalline	50W monocrystalline
Battery	12V40AH AGM DC battery	12V40AH AGM DC battery	12V40AH AGM DC battery
Light source	2 pcs12V6W LED lamp	2 pcs12V6W LED lamp	2 pcs12V6W LED lamp
Luminous flux	700 ± 70 lm	700 ± 70 lm	700 ± 70 lm
Post	Galvanised steel with plastic spray treatment		
Height	4M	4M	4M
Working mode	Turn on by light sensor and turn off by time delay		
Working time	10 hours per day	10 hours per day	10 hours per day
Maximum working day	4 consecutive rainy days	4 consecutive rainy days	4 consecutive rainy days
Operating altitude	0~2500m	0~2500m	0~2500m
Ambient temperature	-10℃~45℃	-10℃~45℃	-10℃~45℃

SOLAR STREET LIGHT



ILUMINACIÓN SOLAR URBANA

La iluminación solar urbana está diseñada para proporcionar iluminación en calles, carreteras, parques, campus, etc. Está compuesta por un panel solar, un controlador de carga, una batería, una luminaria LED y un poste. Durante el día, el panel solar recoge la energía del sol y la convierte en electricidad la cual carga la batería bajo la supervisión del controlador de carga según las condiciones de luz solar y el estado de la batería. La luminaria es automáticamente encendida mediante un sensor de luz y apagada mediante un temporizador ajustable. Es una solución ideal para aquellas localizaciones o áreas donde la conexión a la red general es inaccesible, difícil o imposible.

Características

- Ahorro energético
- Cero contaminación
- Sin cableado ni zanjas
- Funcionamiento a baja tensión
- Larga vida útil
- Fácil instalación y mantenimiento

SOLAR STREET LIGHT



Model number		SL-30W	SL-60W	SL-90W
Specification	Power	12V30W LED lamp	24V60W LED lamp	24V90W LED lamp
	Luminous flux	2700 lm	5400 lm	8100 lm
Light source	Color temperature	4500K/5500K/6500K (Optional)		
	Glass material	Tempered glass	Tempered glass	Tempered glass
	Housing material	Cast aluminum	Cast aluminum	Cast aluminum
	Protection class	IP65	IP65	IP65
	Electrical safety class	I	I	I
Solar panel		50W×2 pcs monocrystalline	100W×2 pcs monocrystalline	150W×2 pcs monocrystalline
Battery		12V80Ah AGM DC battery	2 pcs12V80Ah AGMDC battery	2 pcs12V120Ah AGM DC battery
Controller	12V10A		24V10A	24V10A
	PWM charging mode		PWM charging mode	PWM charging mode
	Overcharging, overdischarging, overload and short circuit protection			
Pole		Steel with galvanization and powder coated		
Battery box		PP plastic	PP plastic	PP plastic
Height		8M	8M	8M
Working time		8 hours per day	8 hours per day	8 hours per day
Maximum working day		3 consecutive rainy days	3 consecutive rainy days	3 consecutive rainy days

LED BULB LIGHT



LBL-A-2W/3W

LBL-B-5W

Model	LBL-A-2W	LBL-A-3W	LBL-B-5W
Power	2W	3W	5W
Material	PC	PC	PC and aluminum
Lamp base	E27/E26/B22	E27/E26/B22	E27/E26
Input voltage	DC 12V or AC 85V-265V/50-60Hz		
Luminous flux	120±10 lm	180±15 lm	450±25 lm
Color temperature	3000K/4000K/5000K/6000K, Optional		
Drive mode	Constant current drive	Constant current drive	Constant current drive
Size (mm)	φ60×92mm	φ60×92mm	φ60×110mm
Life time	50000h	50000h	50000h
Color	White	White	White,Red,Black,Blue,Orange



LBL-C-5W

LBL-D-5W

LBL-E-5W

Model	LBL-C-5W	LBL-D-5W	LBL-E-5W
Power	5W	5W	5W
Material	PC and aluminum	PC and aluminum	PC
Lamp base	E27/E26	E27/E26	E27/E26/B22
Input voltage	DC 12V or AC 85V-265V/50-60Hz		
Luminous flux	400±25 lm	400±25 lm	300±25 lm
Color temperature	3000K/4000K/5000K/6000K, Optional		
Drive mode	Constant current drive	Constant current drive	Constant current drive
Size (mm)	φ60×110mm	φ60×120mm	φ60×120mm
Life time	50000h	50000h	50000h
Color	Silver	Silver	White

Bombillas LED

LED BULB LIGHT



LBL-F-5W



LBL-G-8W



LBL-H-8W

Model	LBL-F-5W	LBL-G-8W	LBL-H-8W
Power	5W	8W	8W
Material	PC and aluminum	PC	PC and aluminum
Lamp base	E27/E26/B22	E27/E26/B22	E27/E26/B22
Input voltage	DC 12V or AC 85V-265V/50-60Hz		
Luminous flux	300±25 lm	480±40 lm	480±40 lm
Color temperature	3000K/4000K/5000K/6000K, Optional		
Drive mode	Constant current drive	Constant current drive	Constant current drive
Size (mm)	φ60×110mm	φ60×110mm	φ60×108mm
Life time	50000h	50000h	50000h
Color	White	White	White



LBL-I-10W



LBL-J-12W

Model	LBL-I-10W	LBL-J-12W
Power	10W	12W
Material	PC	PC and aluminum
Lamp base	E27/E26/B22	E27/E26/ B22
Input voltage	DC 12V or AC 85V-265V/50-60Hz	
Luminous flux	600±50 lm	720±60 lm
Color temperature	3000K/4000K/5000K/6000K, Optional	
Drive mode	Constant current drive	Constant current drive
Size (mm)	φ70×125mm	φ80×145mm
Life time	50000h	50000h
Color	White	White

Bombillas LED

LED BULB LIGHT



LBL-K-3W



LBL-L-5W

Model	LBL-K-3W	LBL-L-5W
Power	3W	5W
Material	Aluminum and PC	Aluminum and PC
Lamp base	2.5mm round plug	2.5mm round plug
Input voltage	DC12V	DC12V
Luminous flux	180±15 lm	300±25 lm
Color temperature	3000K/4000K/5000K/6000K, Optional	3000K/4000K/5000K/6000K, Optional
Drive mode	Constant current drive	Constant current drive
Switch type	Switch in the cable	Switch in the cable
Length of cable	5meters	5meters
Size (mm)	φ100×96mm	φ100×96mm
Life time	50000h	50000h
Color	White	White

Bombillas LED

LED SPOT LIGHT



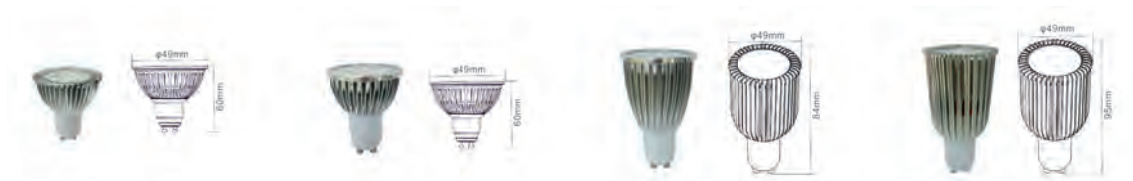
LSL-A-3W

LSL-A-4W

LSL-A-6W

LSL-A-9W

Model	LSL-A-3W	LSL-A-4W	LSL-A-6W	LSL-A-9W
Power	3W	4W	6W	9W
Material	Aluminum and PC	Aluminum and PC	Aluminum and PC	Aluminum and PC
Lamp base	Mr16	Mr16	Mr16	Mr16
Input voltage	DC 12V	DC 12V	DC 12V	DC 12V
Luminous flux	240±15 lm	320±20 lm	480±30 lm	720±45 lm
Beam angle	38°	38°	38°	38°
Color temperature	3000K/4000K/5000K/6000K, Optional			
Power factor	0.5-0.9	0.5-0.9	0.5-0.9	0.5-0.9
Drive mode	Constant current drive	Constant current drive	Constant current drive	Constant current drive
Size (mm)	φ49×55mm	φ49×53mm	φ49×81mm	φ49×91mm
Life time	30000h	30000h	30000h	30000h



LSL-B-3W

LSL-B-4W

LSL-B-6W

LSL-B-9W

Model	LSL-B-3W	LSL-B-4W	LSL-B-6W	LSL-B-9W
Power	3W	4W	6W	9W
Material	Aluminum and PC	Aluminum and PC	Aluminum and PC	Aluminum and PC
Lamp base	Gu10	Gu10	Gu10	Gu10
Input voltage	AC 85V-265V/50-60Hz			
Luminous flux	240±15 lm	320±20 lm	480±30 lm	720±45 lm
Beam angle	38°	38°	38°	38°
Color temperature	3000K/4000K/5000K/6000K, Optional			
Power factor	0.5-0.9	0.5-0.9	0.5-0.9	0.5-0.9
Drive mode	Constant current drive	Constant current drive	Constant current drive	Constant current drive
Size (mm)	φ49×60mm	φ49×60mm	φ49×86mm	φ49×96mm
Life time	30000h	30000h	30000h	30000h

Focos LED

LED T5 INTEGRATED TUBO LIGHT

Features:

1. Instant-on light.
2. High brightness SMD LED chip.
3. Built-in constant current driver.
4. 70% energy saving and long service life.
5. No mercury and lead element. eco-friendly.
6. No glare, stroboflash, infrared or ultraviolet radiation.



Model	LTL-T5-0.3M-4W	LTL-T5-0.6M-7W
Power	4W	7W
Material	Aluminum and PC	Aluminum and PC
Input voltage	AC 100V-265V/50-60Hz	AC 100V-265V/50-60Hz
Luminous flux	320±20 lm	560±35 lm
Beam angle	120°	120°
Color temperature	2700K-7000K, Optional	2700K-7000K, Optional
LED type	SMD3014	SMD3014
Qty of LED chip	30 pcs	60 pcs
Power factor	0.9	0.9
Drive mode	Constant current	Constant current
Size (mm)	300(L)×34(W)×42(H)	600(L)×34(W)×42(H)
Life time	30000h	30000h

Features:

1. Instant-on light.
2. High brightness SMD LED chip.
3. Built-in constant current driver.
4. 70% energy saving and long service life.
5. No mercury and lead element. eco-friendly.
6. No glare, stroboflash, infrared or ultraviolet radiation.



Model	LTL-T5-0.9M-10W	LTL-T5-1.2M-13W
Power	10W	13W
Material	Aluminum and PC	Aluminum and PC
Input voltage	AC 100V-265V/50-60Hz	AC 100V-265V/50-60Hz
Luminous flux	800±50 lm	1040±60 lm
Beam angle	120°	120°
Color temperature	2700K-7000K, Optional	2700K-7000K, Optional
LED type	SMD3014	SMD3014
Qty of LED chip	90 pcs	120 pcs
Power factor	0.9	0.9
Drive mode	Constant current	Constant current
Size (mm)	900(L)×34(W)×42(H)	1200(L)×34(W)×42(H)
Life time	30000h	30000h

Tubos LED

LED T8 TUBO LIGHT

Features:

1. Instant-on light.
2. High brightness SMD LED chip.
3. Built-in constant current driver.
4. 70% energy saving and long service life.
5. No mercury and lead element. eco-friendly.
6. No glare, stroboflash, infrared or ultraviolet radiation.



Model	LTL-T8-0.6M-8W	LTL-T8-0.9M-12W
Power	8W	12W
Material	Aluminum and PC	Aluminum and PC
Input voltage	AC 100V-265V/50-60Hz	AC 100V-265V/50-60Hz
Luminous flux	720±40 lm	1080±60 lm
Beam angle	120°	120°
Color temperature	2700K-7000K, Optional	2700K-7000K, Optional
LED type	SMD3014	SMD3014
Qty of LED chip	72 pcs	108 pcs
Power factor	0.9	0.9
Drive mode	Constant current	Constant current
Size (mm)	φ33×600mm	φ33×900mm
Life time	30000h	30000h

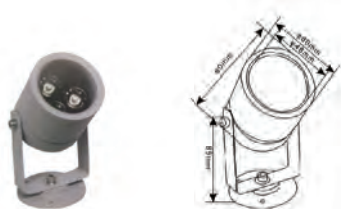
Features:

1. Instant-on light.
2. High brightness SMD LED chip.
3. Built-in constant current driver.
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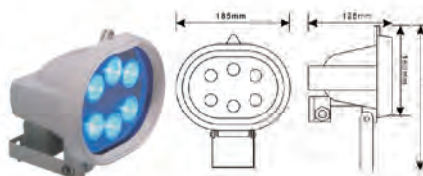


Model	LTL-T8-1.2M-13W	LTL-T8-1.2M-16W	LTL-T8-1.2M-18W
Power	13W	16W	18W
Material	Aluminum and PC	Aluminum and PC	Aluminum and PC
Input voltage	AC 100V-265V/50-60Hz	AC 100V-265V/50-60Hz	AC 100V-265V/50-60Hz
Luminous flux	1170±60 lm	1440±80 lm	1620±90 lm
Beam angle	120°	120°	120°
Color temperature	2700K-7000K, Optional	2700K-7000K, Optional	2700K-7000K, Optional
LED type	SMD3014	SMD3014	SMD3014
Qty of LED chip	120 pcs	144 pcs	176 pcs
Power factor	0.9	0.9	0.9
Drive mode	Constant current	Constant current	Constant current
Size (mm)	φ33×1200mm	φ33×1200mm	φ33×1200mm
Life time	30000h	30000h	30000h

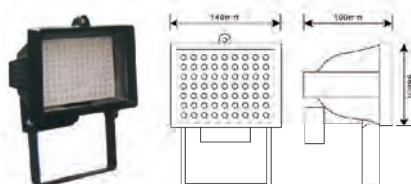
LED FLOOD LIGHT



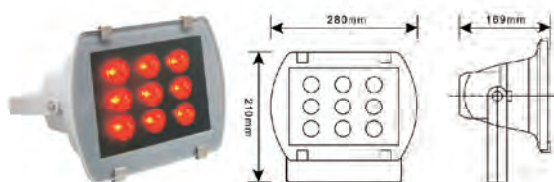
LFL-3W



LFL-6W



LFL-7W



LFL-9W

Model number	LFL-3W	LFL-6W	LFL-7W	LFL-9W
Specification				
Light source	1W LED	1W LED	φ5LED	1W LED
Unit LED power	1W	1W	0.06W	1W
Light power	3W	6W	7W	9W
Luminous flux	270 ± 18 lm	540 ± 36 lm	630 ± 42 lm	810 ± 54 lm
Color temperature	6500K(white), optional			
LED color	R/G/B/Y/W	R/G/B/Y/W	R/G/B/Y/W	R/G/B/Y/W
Glass material	Tempered glass	Tempered glass	Tempered glass	Tempered glass
Housing material	Aluminum housing	Aluminum housing	Aluminum housing	Aluminum housing
Input voltage	12V DC or 110V AC or 220V AC			
Drive mode	Constant-current drive			
Length of power cable	1 meter	1 meter	1 meter	1 meter
Protection class	IP65	IP65	IP65	IP65
Electrical safety class	I	I	I	I
Environmental temperature	-20°C~+55°C	-20°C~+55°C	-20°C~+55°C	-20°C~+55°C

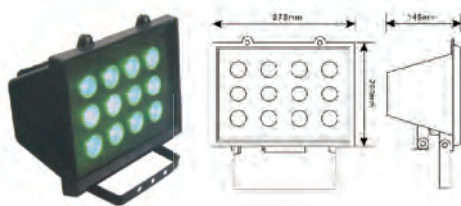
Características

- Chip LED de alto brillo
- Controlador a corriente constante incorporado
- Diseño compacto y robusto
- Carcasa de aluminio fundido, cristal atemperado
- Buen acabado y de fácil instalación
- Resistente al agua y larga vida útil

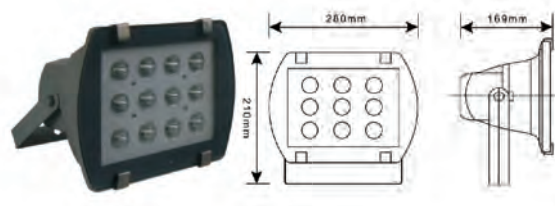


Focos LED

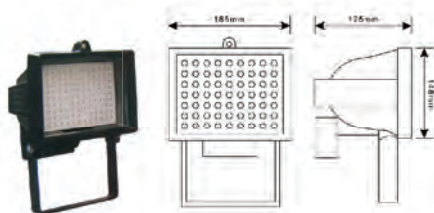
LED FLOOD LIGHT



LFL-12W-A



LFL-12W-B



LFL-13W-A



LFL-13W-B

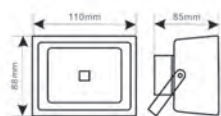
Model number	LFL-12W-A	LFL-12W-B	LFL-13W-A	LFL-13W-B
Specification				
Light source	1W LED	1W LED	φ5 LED	φ5 LED
Unit LED power	1W	1W	0.06W	0.06W
Light power	12W	12W	13W	13W
Luminous flux	1080 ± 72 lm	1080 ± 72 lm	1170 ± 78 lm	1170 ± 78 lm
Color temperature	6500K(white), optional			
LED color	R/G/B/Y/W	R/G/B/Y/W	R/G/B/Y/W	R/G/B/Y/W
Glass material	Tempered glass	Tempered glass	Tempered glass	Tempered glass
Housing material	Aluminum housing	Aluminum housing	Aluminum housing	Aluminum housing
Input voltage	12V DC or 110V AC or 220V AC			
Drive mode	Constant-current drive			
Length of power cable	1 meter	1 meter	1 meter	1 meter
Protection class	IP65	IP65	IP65	IP65
Electrical safety class	I	I	I	I
Environmental temperature	-20°C~+55°C	-20°C~+55°C	-20°C~+55°C	-20°C~+55°C

Características

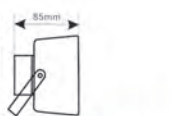
- Chip LED de alto brillo
- Controlador a corriente constante incorporado
- Diseño compacto y robusto
- Carcasa de aluminio fundido, cristal atemperado
- Buen acabado y de fácil instalación
- Resistente al agua y larga vida útil



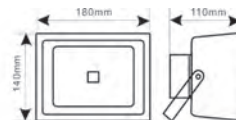
LED FLOOD LIGHT



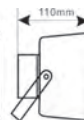
LFL-10W-A



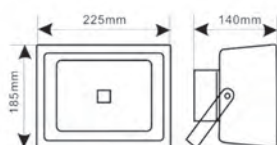
LFL-10W-B



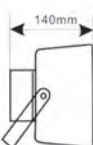
LFL-20W-A



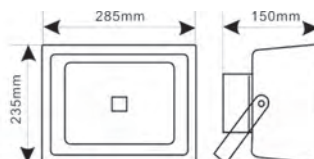
LFL-20W-B



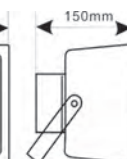
LFL-30W-A



LFL-30W-B



LFL-50W-A



LFL-50W-B

Model number	LFL-10W-A/B	LFL-20W-A/B	LFL-30W-A/B	LFL-50W-A/B
Specification				
Light source	Integrated LED chip, power 10W	Integrated LED chip, power 20W	Integrated LED chip, power 30W	Integrated LED chip, power 50W
Luminous flux	900 ± 60 lm	1800 ± 120 lm	2700 ± 180 lm	4500 ± 300 lm
Color temperature	6500K(white), optional			
LED color	R/G/B/Y/W	R/G/B/Y/W	R/G/B/Y/W	R/G/B/Y/W
Glass material	Tempered glass	Tempered glass	Tempered glass	Tempered glass
Housing material	Aluminum housing	Aluminum housing	Aluminum housing	Aluminum housing
Input voltage	12V DC or 110V AC or 220V AC			
Drive mode	Constant-current drive	Constant-current drive	Constant-current drive	Constant-current drive
Length of power cable	1 meter	1 meter	1 meter	1 meter
Protection class	IP65	IP65	IP65	IP65
Electrical safety class	I	I	I	I
Environmental temperature	-20℃~+55℃	-20℃~+55℃	-20℃~+55℃	-20℃~+55℃

Características

- Chip LED de alto brillo
- Controlador a corriente constante incorporado
- Diseño compacto y robusto
- Carcasa de aluminio fundido, cristal atemperado
- Buen acabado y de fácil instalación
- Resistente al agua y larga vida útil



Focos LED

LED FLOOD LIGHT WITH RACK



LFLH-10W



LFLH-20W



LFLH-30W



LFLH-50W

Model number	LFLH -10W	LFLH-20W	LFLH-30W	LFLH-50W
Specification	LFLH -10W	LFLH-20W	LFLH-30W	LFLH-50W
Light source	Integrated LED chip, power 10W	Integrated LED chip, power 20W	Integrated LED chip, power 30W	Integrated LED chip, power 50W
Luminous flux	900 ± 60 lm	1800 ± 120 lm	2700 ± 180 lm	4500 ± 300 lm
Color temperature	3000-6500K, optional		3000-6500K, optional	
Glass material	Tempered glass	Tempered glass	Tempered glass	Tempered glass
Housing material	Aluminum	Aluminum	Aluminum	Aluminum
Input voltage	DC 12V or AC 110V or AC 220V /50-60Hz			
Drive mode	Constant current drive		Constant current drive	
Product size	145×170×230(H)mm	200×180×280(H)mm	270×240×320(H)mm	320×270×380(H)mm
Length of power cable	3 meters	3 meters	3 meters	3 meters
Protection class	IP65	IP65	IP65	IP65
Electrical safety class	I	I	I	I
Environmental temperature	-20℃~+55℃	-20℃~+55℃	-20℃~+55℃	-20℃~+55℃
Product color	yellow,blue,red,green, optional		yellow,blue,red,green, optional	

Focos LED

LED FLOOD LIGHT WITH RACK



LFLH-10W/T

LFLH-20W/T

LFLH-30W/T

LFLH-50W/T

Model number	LFLH-10W/T	LFLH-20W/T	LFLH-30W/T	LFLH-50W/T
Specification				
Light source	Integrated LED chip, power 10W	Integrated LED chip, power 20W	Integrated LED chip, power 30W	Integrated LED chip, power 50W
Luminous flux	900 ± 60 lm	1800 ± 120 lm	2700 ± 180 lm	4500 ± 300 lm
Color temperature	3000-6500K, optional		3000-6500K, optional	
Glass material	Tempered glass	Tempered glass	Tempered glass	Tempered glass
Housing material	Aluminum	Aluminum	Aluminum	Aluminum
Input voltage	DC 12V or AC 110V or AC 220V /50-60Hz			
Drive mode	Constant current drive		Constant current drive	
Tripod	tripod	tripod	tripod	tripod
The maximum height of Tripod	1.6 meters	1.6 meters	1.6 meters	1.6 meters
Product size (without tripod)	145×170×230(H)mm	200×180×280(H)mm	270×240×320(H)mm	320×270×380(H)mm
Length of power cable	3 meters	3 meters	3 meters	3 meters
Protection class	IP65	IP65	IP65	IP65
Electrical safety class	I	I	I	I
Environmental temperature	-20℃~+55℃	-20℃~+55℃	-20℃~+55℃	-20℃~+55℃
Product color	yellow,blue,red,green, optional		yellow,blue,red,green, optional	

Focos LED

RECHARGEABLE LED FLOOD LIGHT



LFLR-10W/H



LFLR-10W/T

Rechargeable LED flood light



LFLR-20W/H



LFLR-20W/T

Model number	LFLR-10W/H	LFLR-10W/T	LFLR-20W/H	LFLR-20W/T
Specification	LFLR-10W/H	LFLR-10W/T	LFLR-20W/H	LFLR-20W/T
Light source	Integrated LED chip, power 10W		Integrated LED chip, power 20W	
Luminous flux	900 ± 60 lm	900 ± 60 lm	1800 ± 120 lm	1800 ± 120 lm
Color temperature	3000-6500K, optional		3000-6500K, optional	
Glass material	Tempered glass	Tempered glass	Tempered glass	Tempered glass
Housing material	Aluminum	Aluminum	Aluminum	Aluminum
Input voltage	AC 110V or AC 220V /50-60Hz			
Drive mode	Constant current drive		Constant current drive	
Battery	7.4V/4.4Ah lithium battery	7.4V/4.4Ah lithium battery	7.4V/8.8Ah lithium battery	7.4V/8.8Ah lithium battery
Adapter	DC 8.4V/1A	DC 8.4V/1A	DC 8.4V/2A	DC 8.4V/2A
Tripod	without tripod	with tripod	without tripod	with tripod
The maximum height of Tripod	1.6 meters	1.6 meters	1.6 meters	1.6 meters
Product size (without tripod)	145×170×230(H)mm		215×180×280(H)mm	
Charging time	8h	8h	8h	8h
Working time	4h	4h	4h	4h
Length of power cable	3 meters	3 meters	3 meters	3 meters
Protection class	IP65	IP65	IP65	IP65
Electrical safety class	I	I	I	I
Environmental temperature	-20℃~+55℃	-20℃~+55℃	-20℃~+55℃	-20℃~+55℃
Product color	yellow, blue, red, green, optional		yellow, blue, red, green, optional	

LED HIGH BAY LIGHT



LHBL-30W/A



LHBL-50W/A



LHBL-30W/B

LHBL-50W/B

Model	LHBL-30W/A	LHBL-30W/B	LHBL-50W/A	LHBL-50W/B
Power	30W	30W	50W	50W
Size of light(mm)	φ410×280(H)	φ360×310(H)	φ450×320(H)	φ385×420(H)
Size of radiator (mm)	φ160×70(H)	φ160×70(H)	φ160×100(H)	φ160×100(H)
Input voltage	AC 85V-265V/50-60Hz			
Power factor	≥ 0.95	≥ 0.95	≥ 0.95	≥ 0.95
Drive mode	Constant- current drive			
Luminous flux	2700±150 lm	2700±150 lm	4500±250 lm	4500±250 lm
Color temperature	3000-6500K, optional			
Beam angle	120°	65°	120°	65°
Material	Aluminum	Aluminum	Aluminum	Aluminum
Protection class	IP65	IP65	IP65	IP65
Operating temperature	-20℃~+55℃	-20℃~+55℃	-20℃~+55℃	-20℃~+55℃
Lift span	40000h	40000h	40000h	40000h

Illuminación LED grandes alturas

LED HIGH BAY LIGHT



LHBL-80W/A



LHBL-100W/A



LHBL-80W/B



LHBL-100W/B

Iluminación LED grandes alturas

Model	LHBL-80W/A	LHBL-80W/B	LHBL-100W/A	LHBL-100W/B
Power	80W	80W	100W	100W
Size of light(mm)	φ450×380(H)	φ470×520(H)	φ500×420(H)	φ470×530(H)
Size of radiator (mm)	φ160×160(H)	φ160×160(H)	φ160×180(H)	φ160×180(H)
Input voltage	AC 85V-265V/50-60Hz			
Power factor	≥ 0.95	≥ 0.95	≥ 0.95	≥ 0.95
Drive mode	Constant- current drive			
Luminous flux	7200±400 lm	7200±400 lm	9000±500 lm	9000±500 lm
Color temperature	3000-6500K, optional			
Beam angle	120°	65°	120°	65°
Material	Aluminum	Aluminum	Aluminum	Aluminum
Protection class	IP65	IP65	IP65	IP65
Operating temperature	-20℃~+55℃	-20℃~+55℃	-20℃~+55℃	-20℃~+55℃
Lift span	40000h	40000h	40000h	40000h

LED HIGH BAY LIGHT



LHBL-120W/A

LHBL-150W/A



LHBL-120W/B

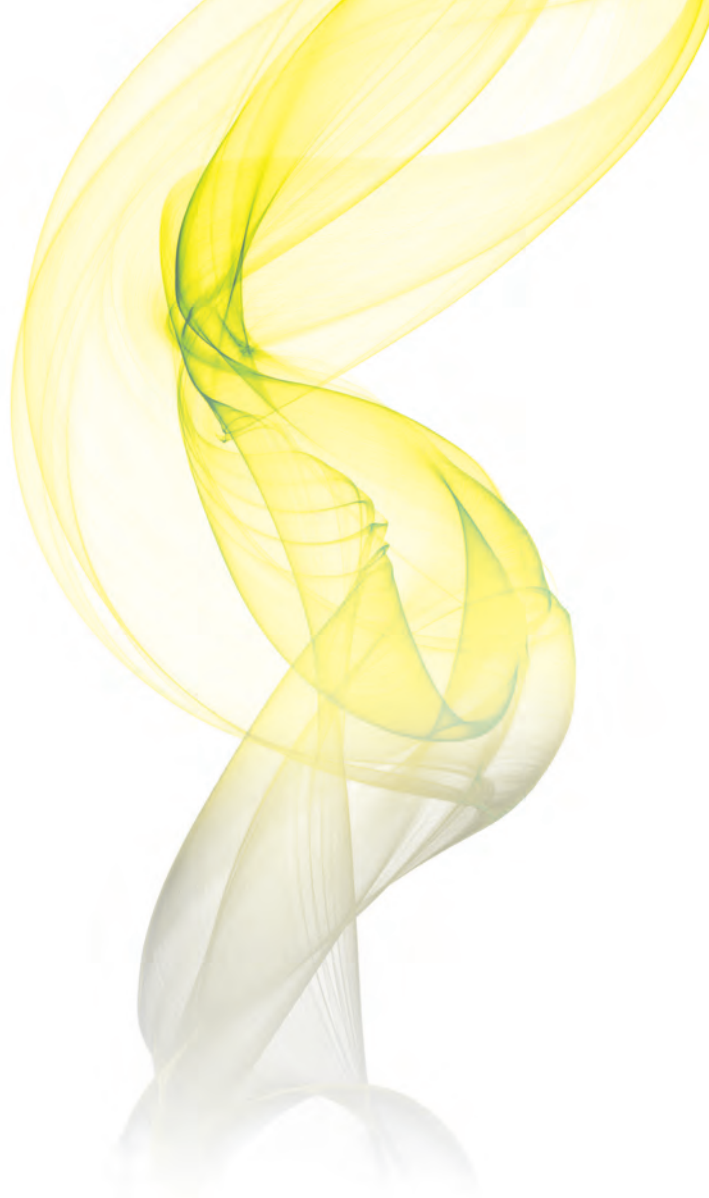
LHBL-150W/B

Model	LHBL-120W/A	LHBL-120W/B	LHBL-150W/A	LHBL-150W/B
Power	120W	120W	150W	150W
Size of light(mm)	φ500×370(H)	φ500×370(H)	φ500×460(H)	φ500×460(H)
Size of radiator (mm)	φ90×120(H)	φ90×120(H)	φ90×200(H)	φ90×200(H)
Input voltage	AC 85V-265V/50-60Hz			
Power factor	≥ 0.95	≥ 0.95	≥ 0.95	≥ 0.95
Drive mode	Constant- current drive			
Luminous flux	10800±600 lm	10800±600 lm	13500±750 lm	13500±750 lm
Color temperature	3000-6500K, optional			
Beam angle	120°	90°	120°	90°
Material	Aluminum	Aluminum	Aluminum	Aluminum
Protection class	IP65	IP65	IP65	IP65
Operating temperature	-20℃~+55℃	-20℃~+55℃	-20℃~+55℃	-20℃~+55℃
Lift span	40000h	40000h	40000h	40000h

Illuminación LED grandes alturas

NOTAS

Notas



SOLUCIONES Y SERVICIOS DE ENERGIA AUTONOMA EN LOS CINCO CONTINENTES



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