



Solar Street Lights System

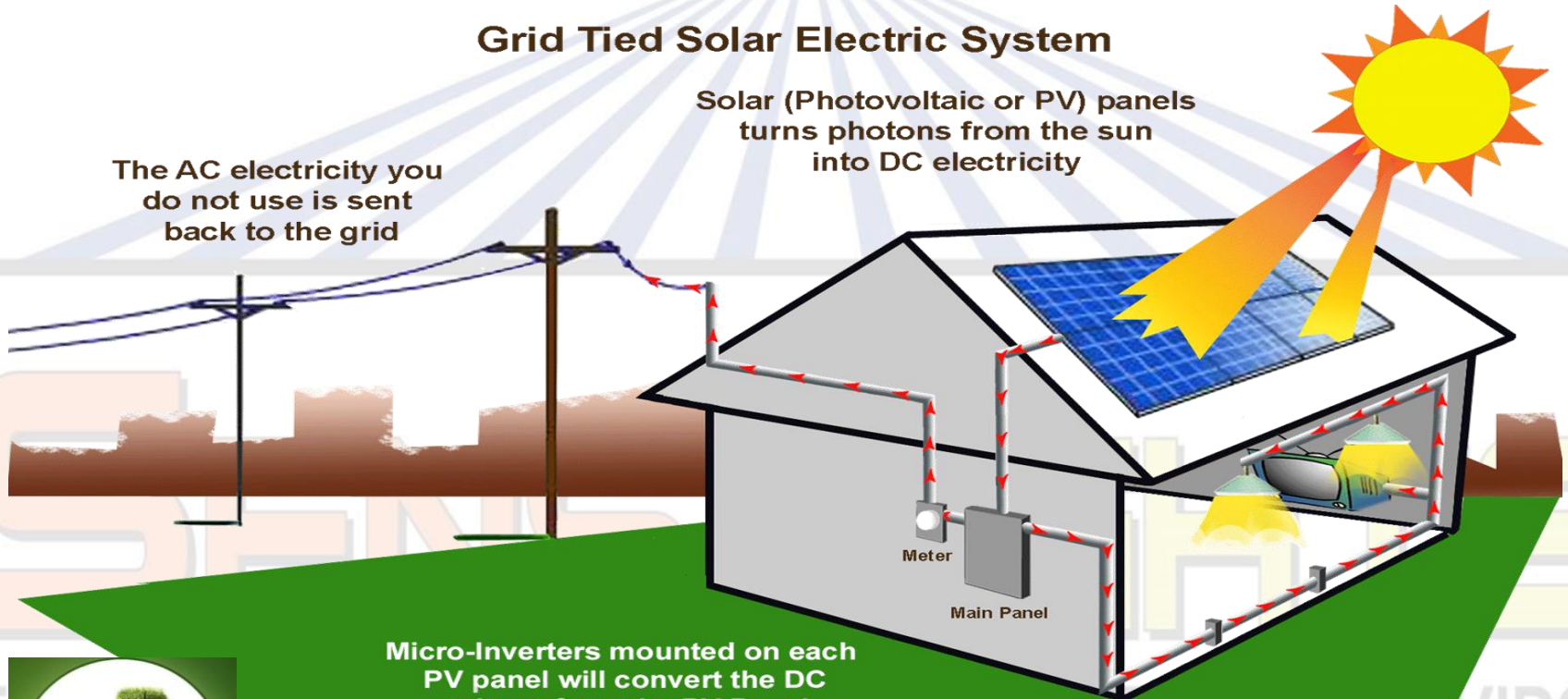
Green Energy

The Ultimate Energy Saving Solutions Provider

Grid Tied Solar Electric System

Solar (Photovoltaic or PV) panels turns photons from the sun into DC electricity

The AC electricity you do not use is sent back to the grid



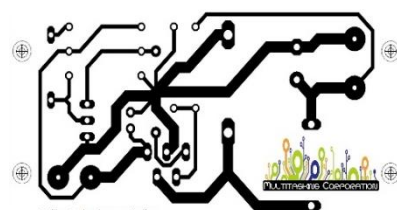
Micro-Inverters mounted on each PV panel will convert the DC voltage from the PV Panel to voltage suitable for your home.



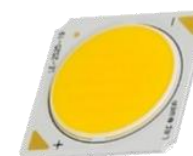
Quality Certification Multitasking Corporation test report



Multitask Solar Panel



Intelligent Solar controller



SensLights LED Chip



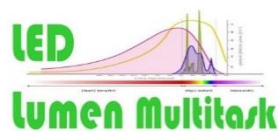
Energy saving rating



Green Energy Products



Green & Eco Friendly Products



LED chip bright and Lumen testing



Quality Standard



No Wiring No electricity!



Solar Powered Products



6.00

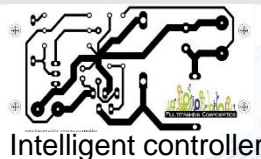
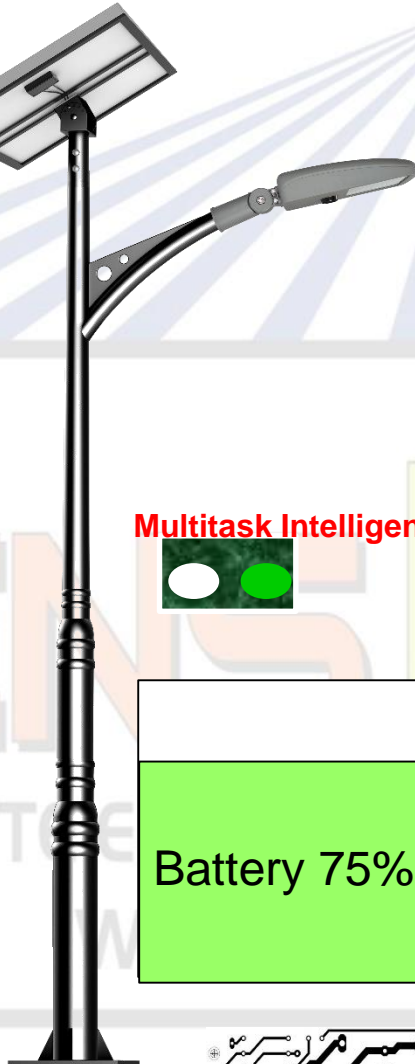
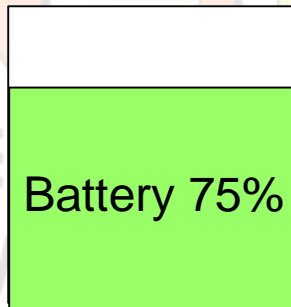


Solar street light on/off is controlled by solar controller via illumination value (unit: lux).

This picture is an example of solar street light system when PV panels start charging the battery.

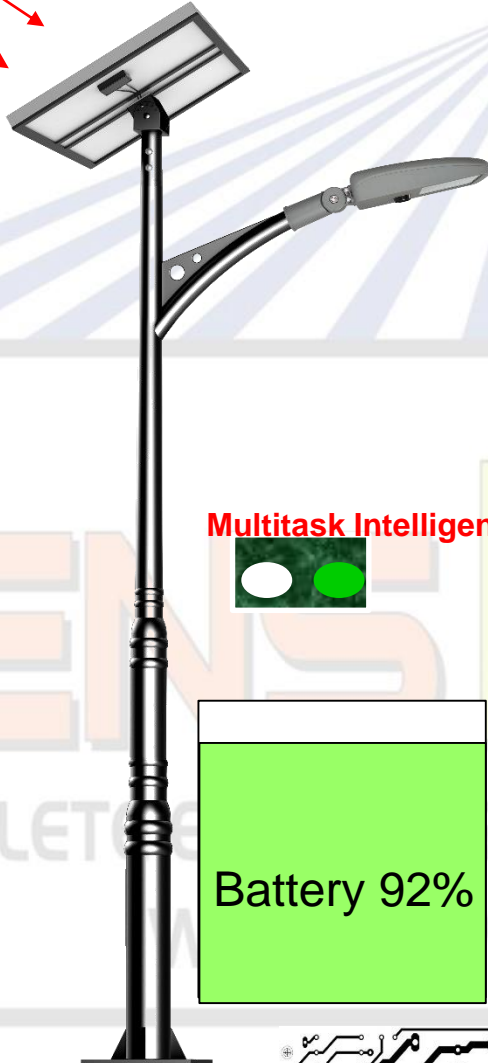
Status explanation:
LED lamp: off
Solar controller: green light on
Battery: increasing from 75%

Multitask Intelligent controller





12.00

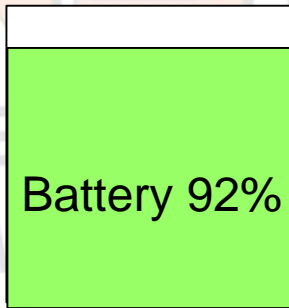


PV panels are charging the battery.

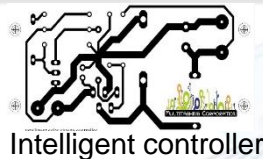
Multitask Intelligent controller



Status explanation:
LED lamp: off
Solar controller: green light on
Battery: up to 92%

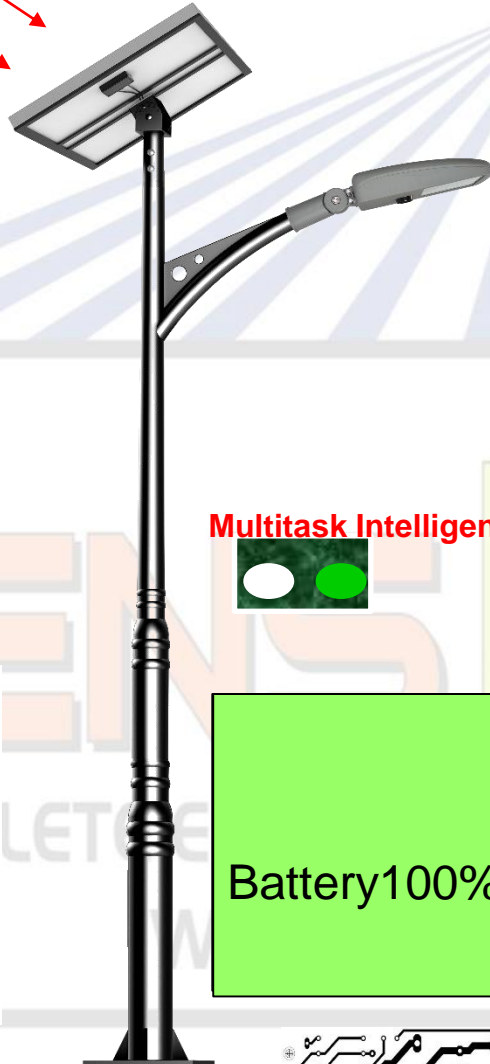


Battery 92%

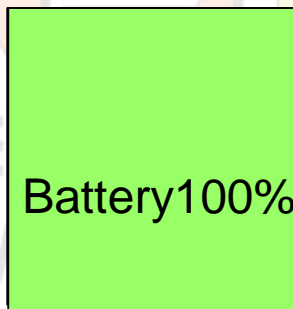




15.00



Multitask Intelligent controller



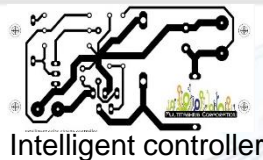
PV panels are charging the battery.

Status explanation:

LED lamp: off

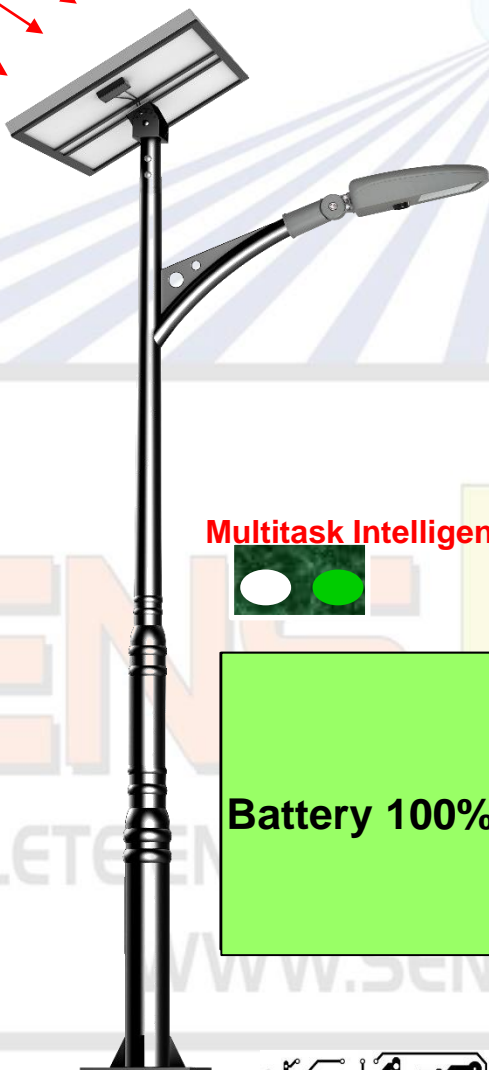
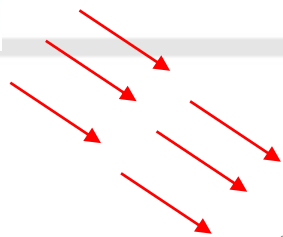
Solar controller: green light on

Battery: up to 100%





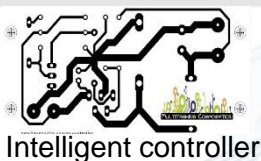
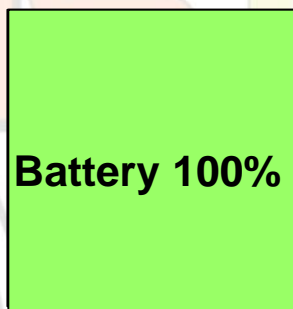
16.59



When sun goes down,
PV panels stop charging.

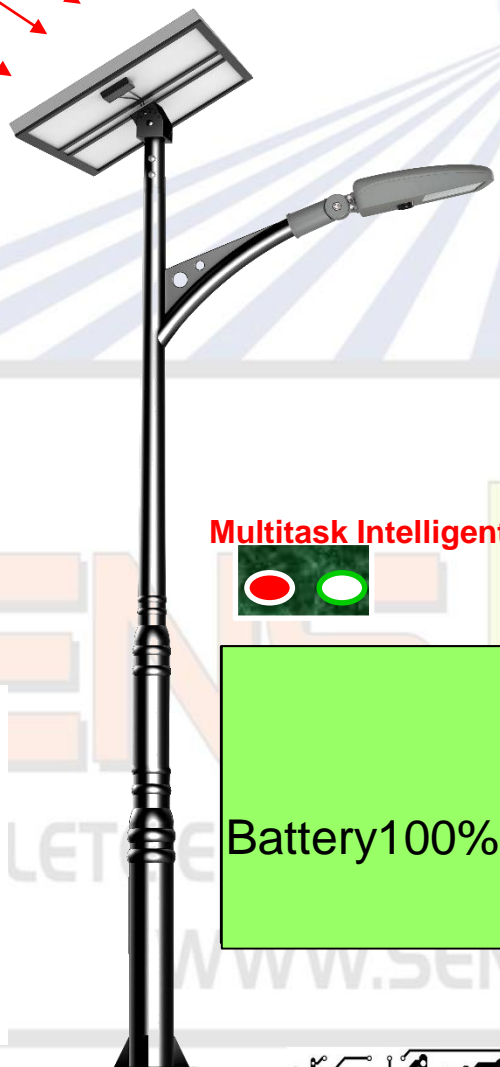
Status explanation:
LED lamp: off
Solar controller: green
light flicking
Battery: full

Multitask Intelligent controller





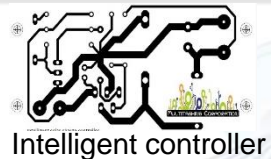
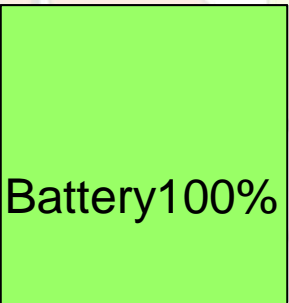
17.00



LED lamp starts working when dark.

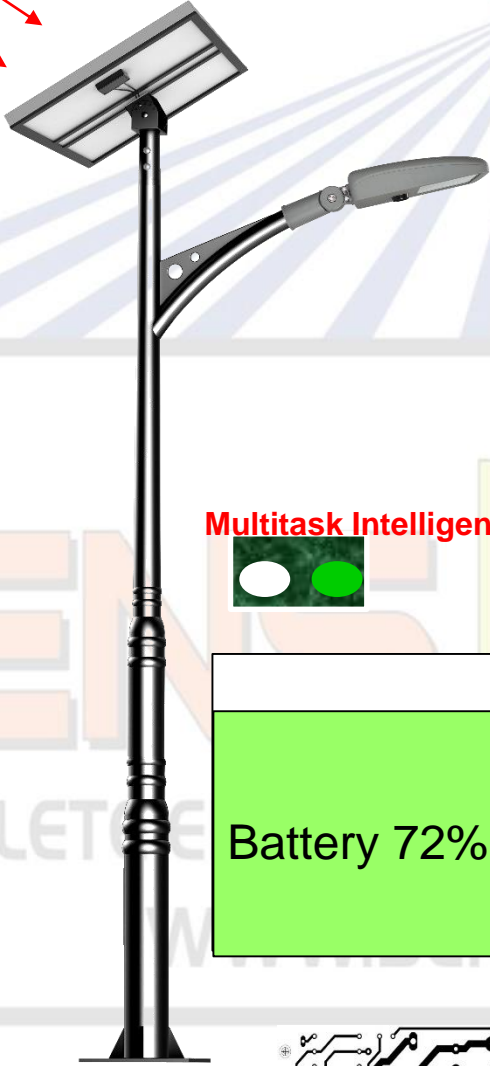
**Status explanation:
LED lamp: on
Solar controller: red light on
Battery: full**

Multitask Intelligent controller





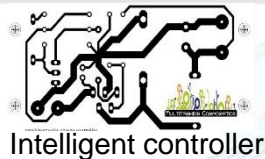
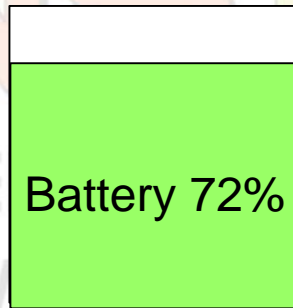
5.59



LED lamp works till the next daybreak.

**Status explanation:
LED lamp: on
Solar controller: red light on
Battery: down to 72%**

Multitask Intelligent controller



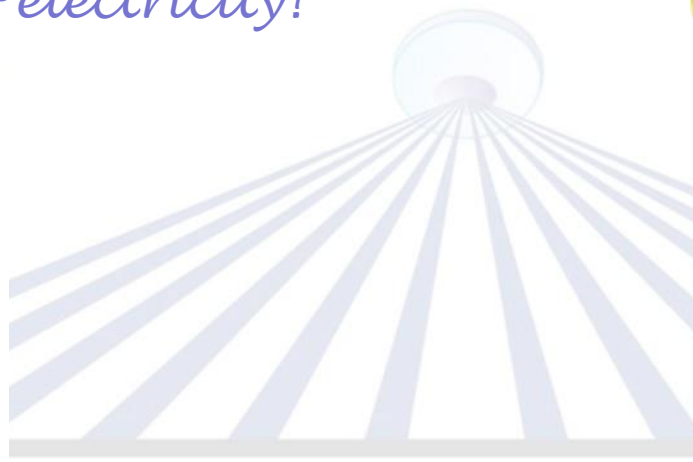
SLEH216-07W

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Email:info@senslights.com

No Wiring No electricity!

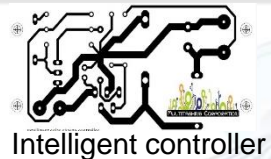


Solar Street Light

- Housing Material: Aluminum
- Products color: Tarnish Coating Oxidization
- Solar Panel:7W , 5.5V Poly
- No of LED:20 pcs
- LED Type: SensLights
- Luminous: 500 + lm
- Power Storage battery: lithium ion 18650 Li-ion 13.2WH ,3.7
- Controller : Multitask Intelligent solar charge controller
- Average Operation Time: 6 hours 100% bright after 6 hours 20% dimmed
- Battery Charging time:6-7hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size : 276MM*390MM
- Protection: IP65
- Proposed pole height 3-4M
- Optional: Solar Hybrid



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SLEH217-15W

No Wiring No electricity!



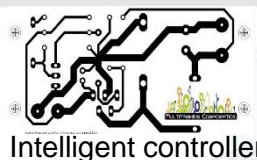
Email: info@senslights.com



Solar Street Light

- Housing Material: Aluminum
- Products color: Tarnish Coating Oxidization
- Solar Panel: 15W , 5.5V Poly
- No of LED: 40 pcs
- LED Type: SensLights
- Luminous: 1200 + lm
- Power Storage battery: lithium ion 18650 Li-ion 26.2WH , 3.7V
- Controller : Multitask Intelligent solar charge controller
- Average Operation Time: 6 hours 100% bright after 6 hours 20% dimmed
- Battery Charging time: 6-7 hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size : 276MM*690MM
- Protection: IP65
- Proposed pole height 3-5M
- Optional: Solar Hybrid

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SLEH220-50W

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No Wiring No electricity!

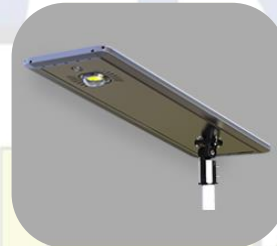


Email: info@senslights.com



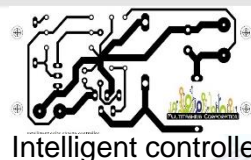
Solar Street Light

- Housing Material: Aluminum
- Products color: Tarnish Coating Oxidization
- Solar Panel: 50W, 18V Poly
- No of LED: 1 pcs
- LED Type: SensLights / Gree
- Luminous: 3000 to 3500 lm
- Power Storage battery: lithium ion 18650 Li-ion 325WH, 14.8V
- Controller: Multitask Intelligent solar charge controller
- Average Operation Time: 6 hours 100% bright after 6 hours 20% dimmed
- Battery Charging time: 6-7 hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size: 438mm*880mm
- Protection: IP65
- Proposed pole height 4-6M
- Optional: Solar Hybrid and Sensor

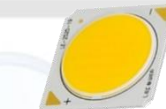


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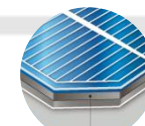
WWW.SENSLIGHTS.COM



Intelligent controller



SensLights LED Chip
45*45, 1-3W



Solar Panel

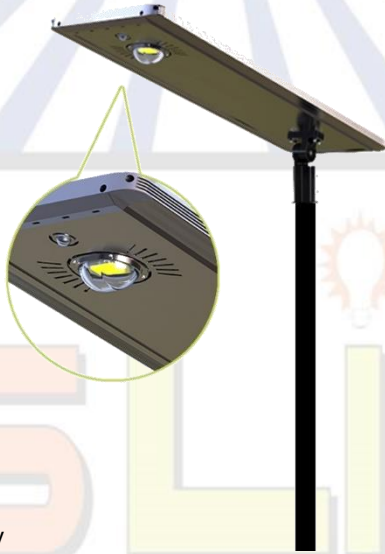
SLEH221-60W

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No Wiring No electricity!



Email:info@senslights.com

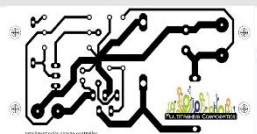


Solar Street Light

- Housing Material: Aluminum
- Products color: Iron Gray Coating Oxidization
- Solar Panel:60W , 18V Poly
- No of LED:1 pcs
- LED Type: SensLights / Gree
- Luminous: 4000 to 4500 lm
- Power Storage battery: lithium ion 18650 Li-ion 520WH ,14.8V
- Controller : Multitask Intelligent solar charge controller
- Average Operation Time: 6 hours 100% bright after 6 hours 20% dimmed
- Battery Charging time:6-7hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size : 438mm*1000mm
- Protection: IP65
- Proposed pole height 5-6M
- Optional: Solar Hybrid and Sensor

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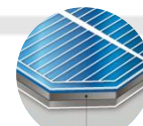
WWW.SENSLIGHTS.COM



Intelligent controller



SensLights LED Chip
45*45,1-3W



Solar Panel

SLEH223-80W

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No Wiring No electricity!



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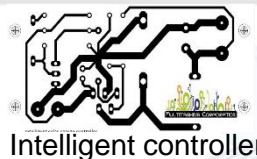
Solar Street Light

- Housing Material: Aluminum
- Products color: Iron Gray Coating Oxidization
- Solar Panel: 80W , 18V Poly
- No of LED: 2 pcs
- LED Type: SensLights / Gree
- Luminous: 6500 to 7000 lm
- Power Storage battery: lithium ion 18650 Li-ion 651WH , 14.8V
- Controller : Multitask Intelligent solar charge controller
- Average Operation Time: 6 hours 100% bright after 6 hours 20% dimmed
- Battery Charging time: 6-7 hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size : 438mm*1220mm
- Protection: IP65
- Proposed pole height 6-8M
- Optional: Solar Hybrid and Sensor



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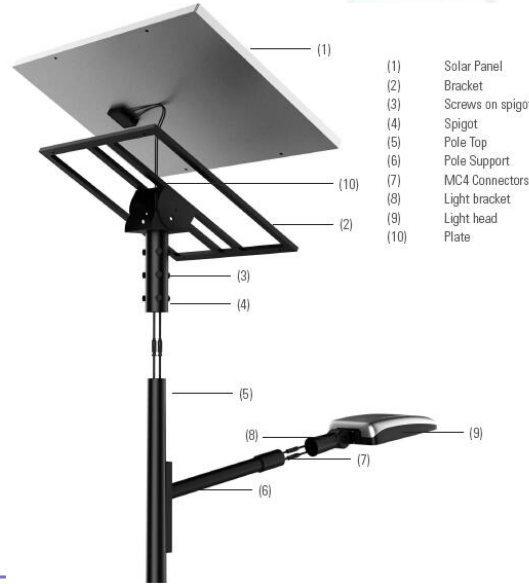
SLS-PS15W

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No Wiring No electricity!



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- (1) Solar Panel
- (2) Bracket
- (3) Screws on spigot
- (4) Spigot
- (5) Pole Top
- (6) Pole Support
- (7) MC4 Connectors
- (8) Light bracket
- (9) Light head Plate
- (10) Plate

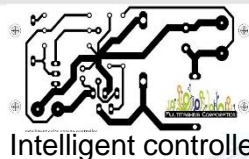


Solar Street Light

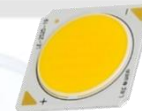
- Housing Material: Aluminum
- Products color: Iron
- Solar Panel: 15W , 18V Poly
- LED Type: SensLights / Gree
- Luminous: 1900 lm
- Power Storage battery: lithium ion 192 Li-ion ,12V
- MC4 cables 1.5M
- Controller : Multitask Intelligent solar charge controller
- Average Operation Time: 6 hours 100% bright after 6 hours 20% dimmed
- Battery Charging time: 6-7 hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size : 438mm*1220mm
- Protection: IP65
- Proposed pole height 2-4M
- Optional: Solar Hybrid and Sensor

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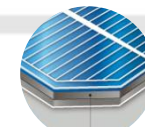
WWW.SENSLIGHTS.COM



Intelligent controller



SensLights LED Chip
45*45, 1-3W



Solar Panel

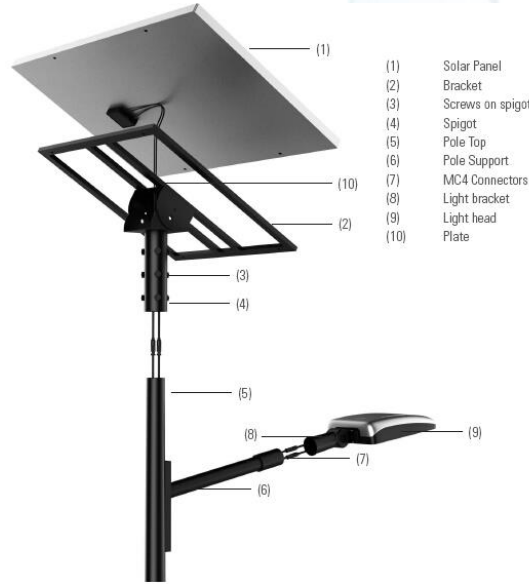
SLS-PS20W

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No Wiring No electricity!

Email:info@senslights.com



- (1) Solar Panel
- (2) Bracket
- (3) Screws on spigot
- (4) Spigot
- (5) Pole Top
- (6) Pole Support
- (7) MC4 Connectors
- (8) Light bracket
- (9) Light head
- (10) Plate

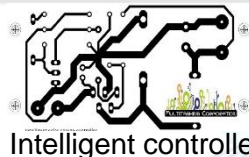
Solar Street Light

- Housing Material: Aluminum
- Products color: Iron Gray
- Solar Panel: 20W , Poly
- LED Type: SensLights / Gree
- Luminous: 2800 lm
- Power Storage battery: lithium ion 192 Li-ion ,12V
- MC4 cables 1.5M
- Controller : Multitask Intelligent solar charge controller
- Average Operation Time: 6 hours 100% bright after 6 hours 20% dimmed
- Battery Charging time: 6-7 hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size : 438mm*1220mm
- Protection: IP65
- Proposed pole height 2-4M
- Optional: Solar Hybrid and Sensor



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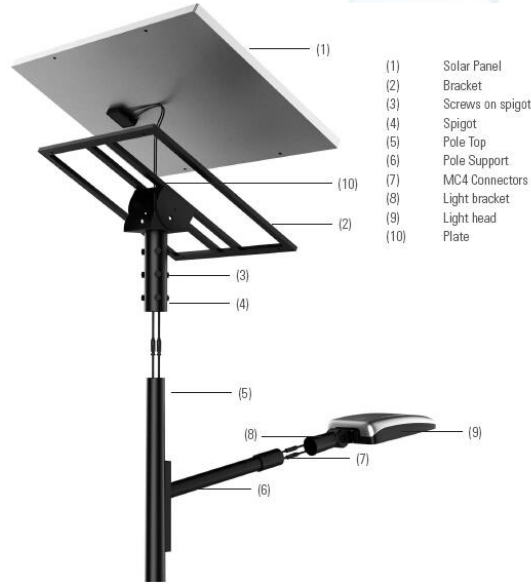
SLS-PS50W

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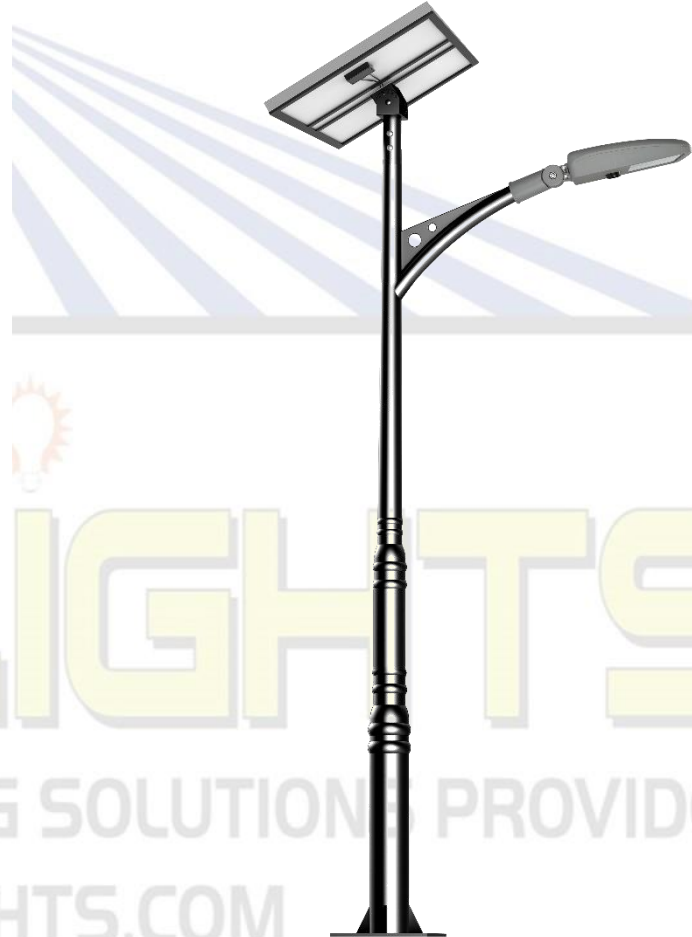


Email:info@senslights.com

No Wiring No electricity!



- (1) Solar Panel
- (2) Bracket
- (3) Screws on spigot
- (4) Spigot
- (5) Pole Top
- (6) Pole Support
- (7) MC4 Connectors
- (8) Light bracket
- (9) Light head
- (10) Plate

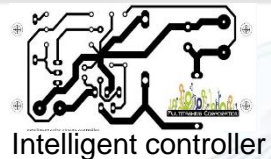


Solar Street Light

- Housing Material: Aluminum
- Products color: Iron Gray
- Solar Panel:50W , Poly
- LED Type: SensLights / Gree
- Luminous: 6600 lm
- Power Storage battery: lithium ion 680 Li-ion ,12V
- MC4 cables 1.5M
- Controller : Multitask Intelligent solar charge controller
- Average Operation Time: 6 hours 100% bright after 6 hours 20% dimmed
- Battery Charging time:6-7hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size : 438mm*1220mm
- Protection: IP65
- Proposed pole height 5-7M
- Optional: Solar Hybrid and Sensor

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No Wiring No electricity!

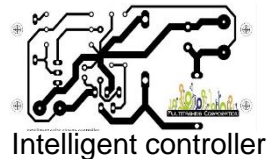
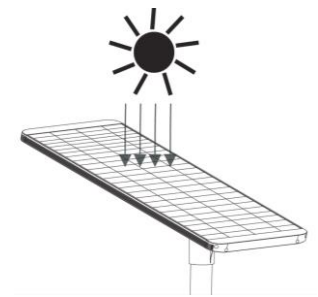
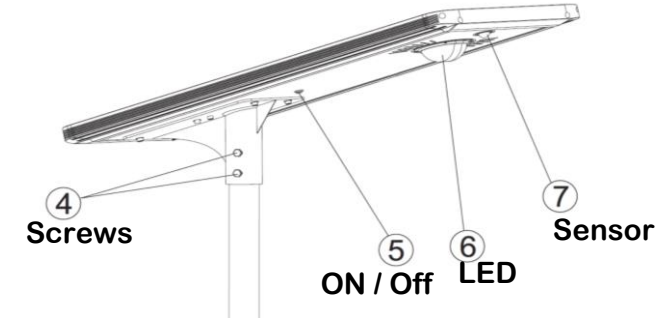
Accessories of complete system (except the pole)



Email: info@senslights.com



Thermal Dissipation Air Duct





Solar Powered Garden Lamp

Green Light Energy

Solar Garden Light



LED
lumen Multitask



SLDS8063PS

No Wiring No electricity!



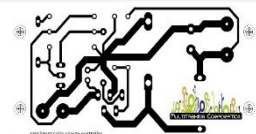
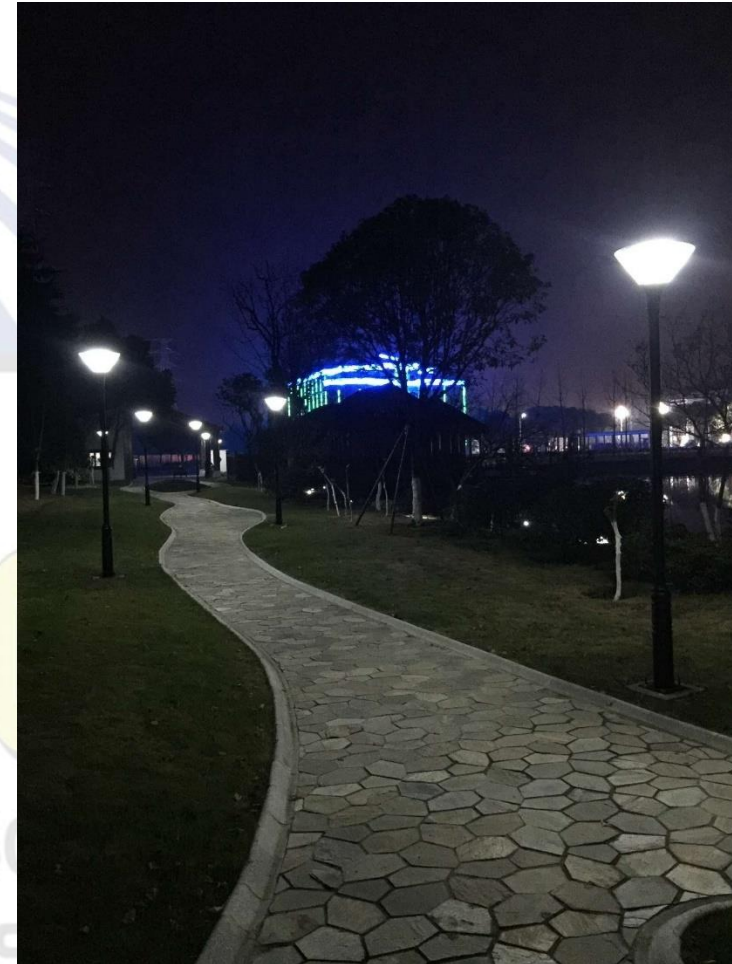
Email: info@senslights.com



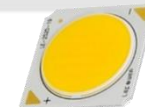
Solar Garden Light

- Housing Material: 6063 Aluminum
- Products color :grey .
- Solar Panel: 18 W , 23V Mono
- LED Type: 12W 10*18mil SensLights Chip
- Luminous: 1200 ~ 1320 lm
- Power Storage battery: lithium ion 12V 14Ah
- Controller : Intelligent solar charge controller
- Average Operation Time: 10-12hrs
- Battery Charging time: 6-7hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size 515/415mm
- Gross Weight : 8.2KG
- Protection: IP65
- Proposed pole height 2.5 - 6M
- Diameter of Mounted Lamppost : 76mm
- Optional: Solar Hybrid

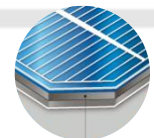
Size chart



Intelligent controller



SensLights LED Chip
45*45, 1-3W



Solar Panel

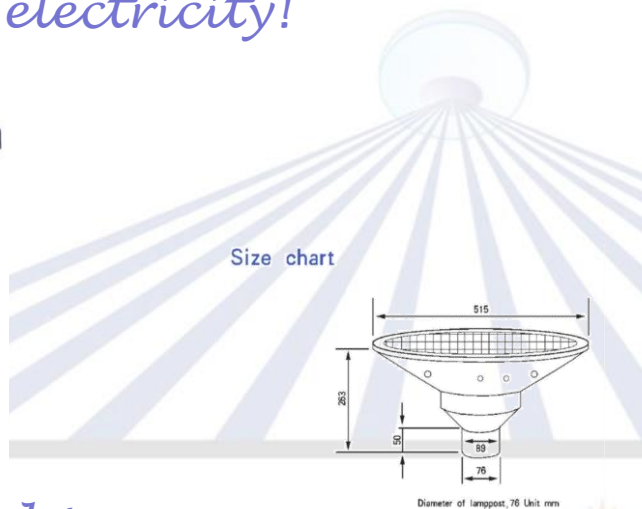
SLDS8059PS

No Wiring No electricity!

WWW.SENSLIGHTS.COM



Email: info@senslights.com

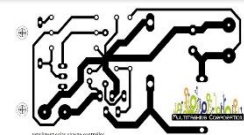


Solar Garden Light

- Housing Material: 6063 Aluminum
- Products color :grey .
- Solar Panel: 18 W , 23V Mono
- LED Type: 12W 10*18mil SensLights Chip
- Luminous: 1200 ~ 1320 lm
- Power Storage battery: lithium ion 12V 16Ah
- Controller : Intelligent solar charge controller
- Average Operation Time: 10-12hrs
- Battery Charging time: 6-7hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size: 515 * 263mm
- Gross Weight : 7.7KG
- Protection: IP65
- Proposed pole height 2.5 - 6M
- Diameter of Mounted Lamppost : 76mm
- Optional: Solar Hybrid



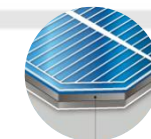
WWW.SENSLIGHTS.COM



Intelligent controller



SensLights LED Chip
45*45, 1-3W



Solar Panel

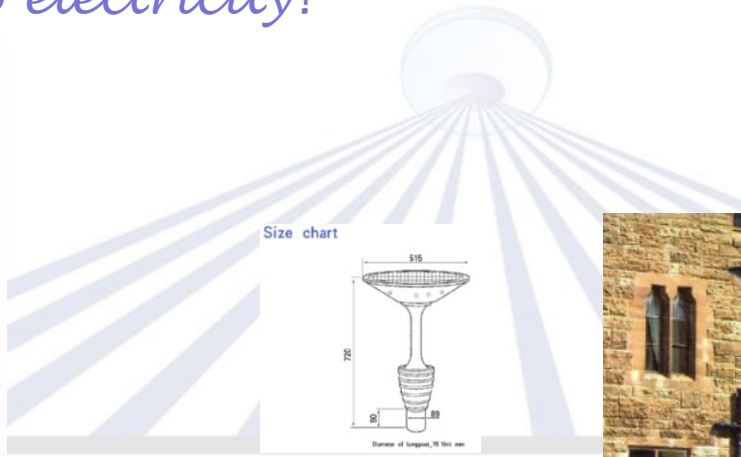
SLDS8058PS

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No Wiring No electricity!



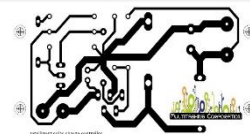
Solar Garden Light



- Housing Material: 6063 Aluminum
- Products color :grey .
- Solar Panel:18 W , 23V Mono
- LED Type: 12W 10*18mil SensLights Chip
- Luminous: 1200 ~ 1320 lm
- Power Storage battery: lithium ion 12V 16Ah
- Controller : Intelligent solar charge controller
- Average Operation Time: 10-12hrs
- Battery Charging time:6-7hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size: 515 * 720mm
- Gross Weight : 9.1 KG
- Protection: IP65
- Proposed pole height 2.5 - 6M
- Diameter of Mounted Lamppost : 76mm
- Optional: Solar Hybrid

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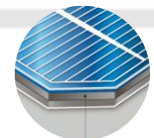
WWW.SENSLIGHTS.COM



Intelligent controller



SensLights LED Chip
45*45,1-3W



Solar Panel

SLDS8062PS

WWW.SENSLIGHTS.COM

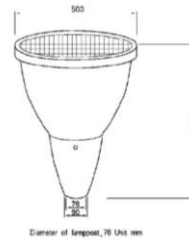


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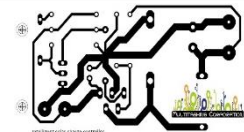


Size chart



Solar Garden Light

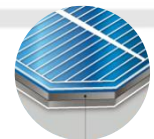
- Housing Material: 6063 Aluminum
- Products color :grey .
- Solar Panel:18 W , 23V Mono
- LED Type: 12W 10*18mil SensLights Chip
- Luminous: 1200 ~ 1320 lm
- Power Storage battery: lithium ion 12V 16Ah
- Controller : Intelligent solar charge controller
- Average Operation Time: 10-12hrs
- Battery Charging time:6-7hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size: 500 * 600mm
- Gross Weight : 10.6 KG
- Protection: IP65
- Proposed pole height 2.5 - 6M
- Diameter of Mounted Lamppost : 76mm
- Optional: Solar Hybrid



Intelligent controller



SensLights LED Chip
45*45,1-3W



Solar Panel

THE COMPLETE ENERGY SAVING SOLUTIONS PROVIDER

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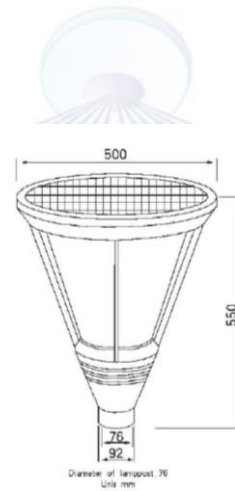
SLDS8061PS

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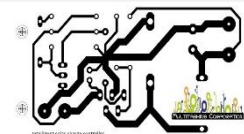


Solar Garden Light

- Housing Material: 6063 Aluminum
- Products color :grey .
- Solar Panel:18 W , 23V Mono
- LED Type: 12W 10*18mil SensLights Chip
- Luminous: 1200 ~ 1320 lm
- Power Storage battery: lithium ion 12V 16Ah
- Controller : Intelligent solar charge controller
- Average Operation Time: 10-12hrs
- Battery Charging time:6-7hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size: 500 * 550mm
- Gross Weight : 8.9 KG
- Protection: IP65
- Proposed pole height 2.5 - 6M
- Diameter of Mounted Lamppost : 76mm
- Optional: Solar Hybrid



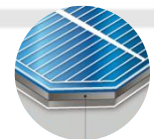
WWW.SENSLIGHTS.COM



Intelligent controller



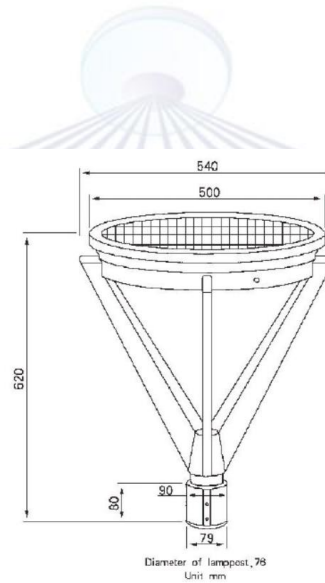
SensLights LED Chip
45*45,1-3W



Solar Panel

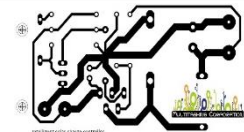
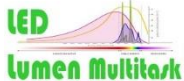


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Solar Garden Light

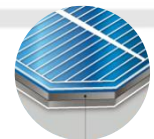
- Housing Material: 6063 Aluminum
- Products color :grey .
- Solar Panel: 18 W , 23V Mono
- LED Type: 12W 10*18mil SensLights Chip
- Luminous: 1200 ~ 1320 lm
- Power Storage battery: lithium ion 12V 16Ah
- Controller : Intelligent solar charge controller
- Average Operation Time: 10-12hrs
- Battery Charging time: 6-7hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size: 540 * 620mm
- Gross Weight : 8.2 KG
- Protection: IP65
- Proposed pole height 2.5 - 6M
- Diameter of Mounted Lamppost : 76mm
- Optional: Solar Hybrid



Intelligent controller



SensLights LED Chip
45*45, 1-3W



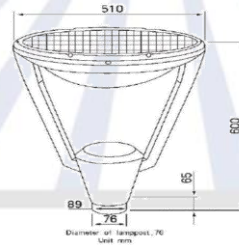
Solar Panel



No Wiring No electricity!

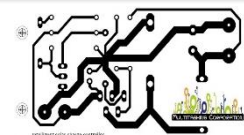


Size chart



Solar Garden Light

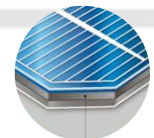
- Housing Material: 6063 Aluminum
- Products color :grey .
- Solar Panel: 18 W , 23V Mono
- LED Type: 12W 10*18mil SensLights Chip
- Luminous: 1200 ~ 1320 lm
- Power Storage battery: lithium ion 12V 16Ah
- Controller : Intelligent solar charge controller
- Average Operation Time: 10-12hrs
- Battery Charging time: 6-7hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size: 540 * 620mm
- Gross Weight : 8.2 KG
- Protection: IP65
- Proposed pole height 2.5 - 6M
- Diameter of Mounted Lamppost : 76mm
- Optional: Solar Hybrid



Intelligent controller



SensLights LED Chip
45*45,1-3W



Solar Panel

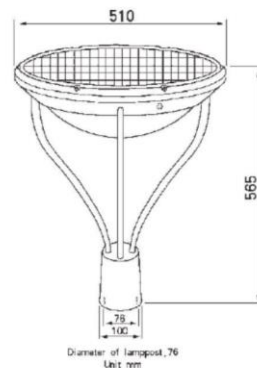
SLDS8057PS

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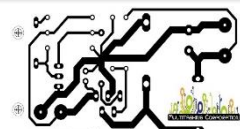


Solar Garden Light

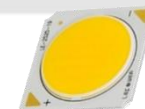
- Housing Material: 6063 Aluminum
- Products color :grey .
- Solar Panel: 18 W , 23V Mono
- LED Type: 12W 10*18mil SensLights Chip
- Luminous: 1200 ~ 1320 lm
- Power Storage battery: lithium ion 12V 16Ah
- Controller : Intelligent solar charge controller
- Average Operation Time: 10-12hrs
- Battery Charging time: 6-7hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size: 510 * 565mm
- Gross Weight : 8.3 KG
- Protection: IP65
- Proposed pole height 2.5 - 6M
- Diameter of Mounted Lamppost : 76mm
- Optional: Solar Hybrid



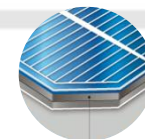
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Intelligent controller



SensLights LED Chip
45*45,1-3W



Solar Panel

SLDS8058PS

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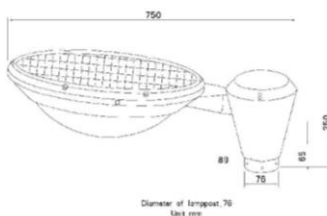


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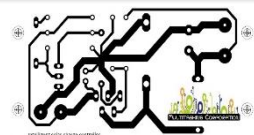
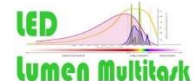


Size chart

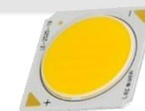


Solar Garden Light

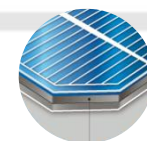
- Housing Material: 6063 Aluminum
- Products color :grey .
- Solar Panel:18 W , 23V Mono
- LED Type: 12W 10*18mil SensLights Chip
- Luminous: 1200 ~ 1320 lm
- Power Storage battery: lithium ion 12V 16Ah
- Controller : Intelligent solar charge controller
- Average Operation Time: 10-12hrs
- Battery Charging time:6-7hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size: 540 * 620mm
- Gross Weight : 8.2 KG
- Protection: IP65
- Proposed pole height 2.5 - 6M
- Diameter of Mounted Lamppost : 76mm
- Optional: Solar Hybrid



Intelligent controller



SensLights LED Chip
45*45,1-3W



Solar Panel

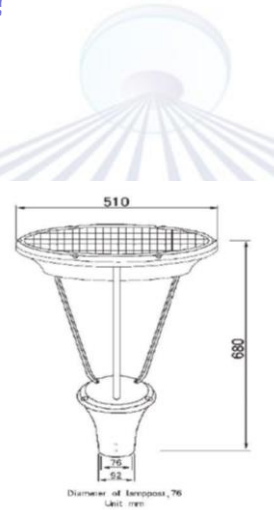
SLDS8058PS

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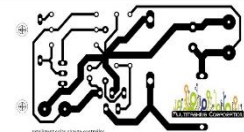
Solar Garden Light

- Housing Material: 6063 Aluminum
- Products color :grey .
- Solar Panel:18 W , 23V Mono
- LED Type: 12W 10*18mil SensLights Chip
- Luminous: 1200 ~ 1320 lm
- Power Storage battery: lithium ion 12V 16Ah
- Controller : Intelligent solar charge controller
- Average Operation Time: 10-12hrs
- Battery Charging time:6-7hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size: 510 * 750mm
- Gross Weight : 8.5 KG
- Protection: IP65
- Proposed pole height 2.5 - 6M
- Diameter of Mounted Lamppost : 76mm
- Optional: Solar Hybrid

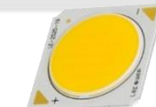


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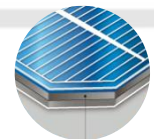
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Intelligent controller



SensLights LED Chip
45*45,1-3W



Solar Panel

SLSEL-PL25W

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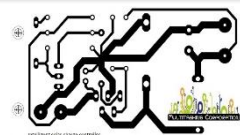
Solar Garden Light

- Housing Material: Aluminum
- Products color: Powder Coating
- Solar Panel: 25W, 18V Poly
- No of LED: 216 pcs
- LED Type: SensLights 3W
- Luminous: 1800 to 1850 lm
- Power Storage battery: lithium ion 18650 Li-ion 222WH, 14.8V
- Controller: Multitask Intelligent solar charge controller
- Average Operation Time: 6 hours 100% bright after 6 hours 30% dimmed
- Battery Charging time: 6-7 hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size: Dia 530*227mm
- Protection: IP65
- Proposed pole height 3-4M
- Optional: Solar Hybrid

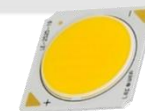


Solar Street Light
Aluminum Alloy Case

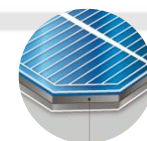
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Intelligent controller



SensLights LED Chip
45*45, 1-3W



Solar Panel

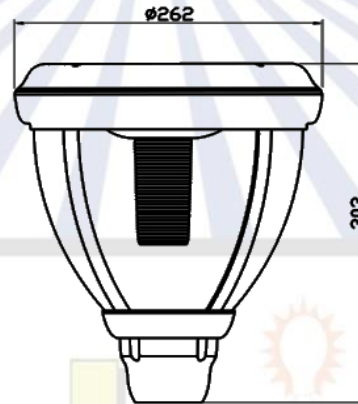
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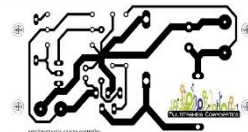


Column mount solar light

- Housing Material: 6063 Aluminum
- Products color :Black .
- Solar Panel:3 W ,
- LED Type: 20Psc, SensLights Chip
- Luminous: 140 lm
- Power Storage battery: 1Pc SCP Size 3600mAh 3.6V NI-MH
- Controller : Intelligent solar charge controller
- Average Operation Time: 10-12hrs
- Battery Charging time:6-7hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size 622/303mm
- Gross Weight : 4.2KG
- Protection: IP65

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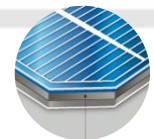
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Intelligent controller



SensLights LED Chip
45*45,1-3W



Solar Panel

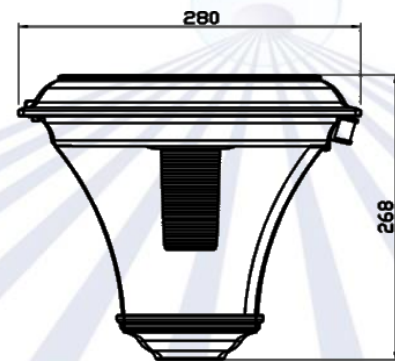
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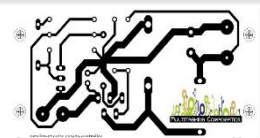
Email: info@senslights.com

No Wiring No electricity!



Column mount solar light

- Housing Material: Aluminum
- Products color :Black
- Solar Panel: 4 W ,
- LED Type: 20Psc, SensLights Chip
- Luminous: 140 lm
- Power Storage battery: 1Pc CP Size 4500mAh 3.6V NI-MH
- Controller : Intelligent solar charge controller
- Average Operation Time: 10-12hrs
- Battery Charging time: 6-7hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size 280/268mm
- Gross Weight : 5.4KG
- Protection: IP65



Intelligent controller



SensLights LED Chip
45*45, 1-3W



Solar Panel

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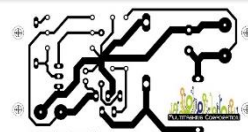
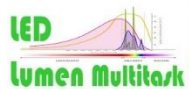


Column mount solar light

- Housing Material: Aluminum
- Products color :Black
- Solar Panel:3 W ,
- LED Type: 24Psc, SensLights Chip
- Luminous: 168 to 192 lm
- Power Storage battery: 1Pc CP Size 4500mAh 3.6V NI-MH
- Controller : Intelligent solar charge controller
- Average Operation Time: 10-12hrs
- Battery Charging time:6-7hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size 500/230mm
- Gross Weight : 4.5KG
- Protection: IP65

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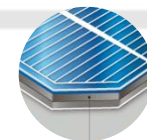
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Intelligent controller



SensLights LED Chip
45*45,1-3W



Solar Panel

SLDY0571S

WWW.SENSLIGHTS.COM



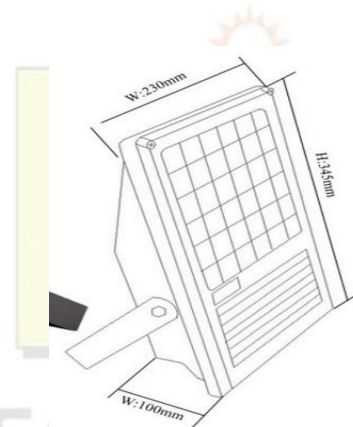
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Email:info@senslights.com



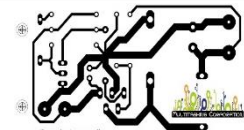
Solar Flood light

- Housing Material: Aluminum
- Products color :Black
- Solar Panel:7 W ,
- LED Type: 48Psc, SensLights Chip
- Luminous: 280 to 300 lm
- Power Storage battery: 6V/4.5AH *2 battery
- Controller : Intelligent solar charge controller
- Average Operation Time: 10-12hrs
- Battery Charging time:6-7hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size 220/340 /100mm
- Gross Weight : 4.5KG
- Protection: IP65



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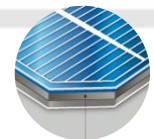
WWW.SENSLIGHTS.COM



Intelligent controller



SensLights LED Chip
45*45,1-3W



Solar Panel

SLS-PS50WF

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No Wiring No electricity!



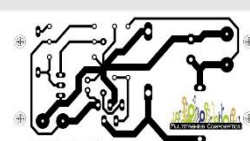
Solar Flood Light

- Housing Material: Aluminum
- Products color: Iron Gray
- Solar Panel: 50W , Poly
- LED Type: SensLights / Gree
- Luminous: 6600 lm
- Power Storage battery: lithium ion 680 Li-ion , 12V
- MC4 cables 1.5M
- Controller : Multitask Intelligent solar charge controller
- Average Operation Time: 6 hours 100% bright after 6 hours 20% dimmed
- Battery Charging time: 6-7hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size : 438mm*1220mm
- Protection: IP65
- Proposed pole height 5-7M
- Optional: Solar Hybrid and Sensor



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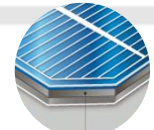
WWW.SENSLIGHTS.COM



Intelligent controller



SensLights LED Chip
45*45, 1-3W



Solar Panel

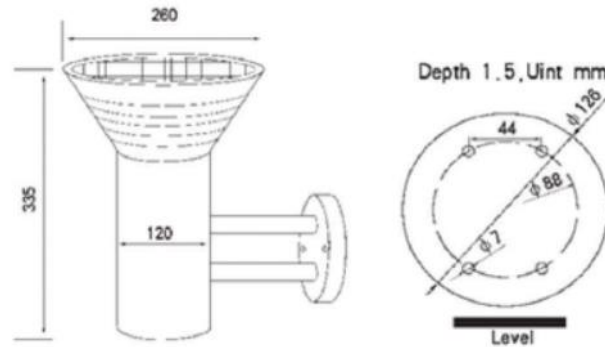
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Email: info@senslights.com

No Wiring No electricity!

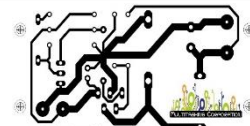


Solar Wall light

- Housing Material: Aluminum
- Products color :Black Powder coating
- Solar Panel:4W ,
- LED Type: 36Psc, SensLights Chip
- Luminous: 252 to 288 lm
- Power Storage battery: 6V/4.5AH *2 battery
- Controller : Intelligent solar charge controller
- Average Operation Time: 10-12hrs
- Battery Charging time:6-7hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size 335/260 mm
- Gross Weight : 3.5KG
- Protection: IP65

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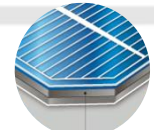
WWW.SENSLIGHTS.COM



Intelligent controller



SensLights LED Chip 45*45,1-3W



Solar Panel

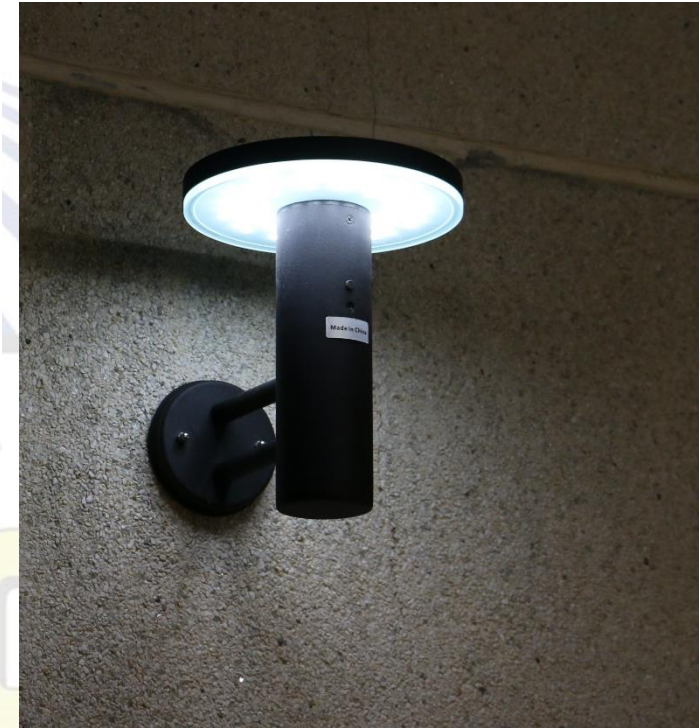
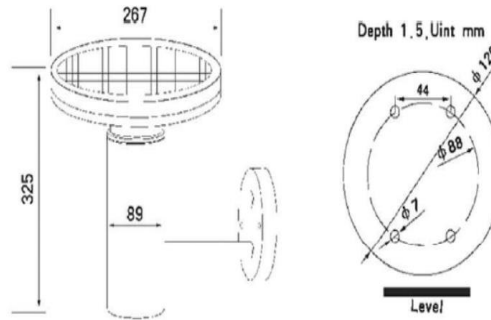
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Email: info@senslights.com

No Wiring No electricity!

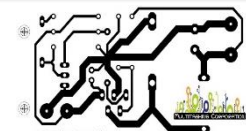


Solar Wall light

- Housing Material: Aluminum
- Products color :Black Powder coating
- Solar Panel:9W ,
- LED Type: .10 x 3.5 Psc, SensLights Chip
- Luminous: 385 to 435 lm
- Power Storage battery: 6V/4.5AH *2 battery
- Controller : Intelligent solar charge controller
- Average Operation Time: 10-12hrs
- Battery Charging time:6-7hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size 380/260 mm
- Gross Weight : 4.5KG
- Protection: IP65

THE COMPLETE ENERGY SAVING SOLUTIONS PROVIDER

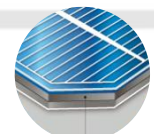
WWW.SENSLIGHTS.COM



Intelligent controller



SensLights LED Chip
45*45,1-3W



Solar Panel

SLDY3499



Email: info@senslights.com

No Wiring No electricity!



Get charged by sunlight then stored in battery

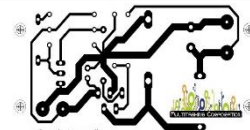
Or be mounted on the wall

200 Lumen out (4*50LM)

Long ground stake

Solar Wall light

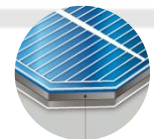
- Housing Material: Aluminum
- Products color :Black Powder coating
- Solar Panel:2W ,
- LED Type: .10 Psc, SensLights Chip
- Luminous: 250 to 275 lm
- Power Storage battery: 2200mAH battery
- Controller : Intelligent solar charge controller
- Average Operation Time: 10-12hrs
- Battery Charging time:6-7hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size L 290 x w9.50 xh340 mm
- Gross Weight : 1KG
- Protection: IP65



Intelligent controller



SensLights LED Chip
45*45,1-3W



Solar Panel

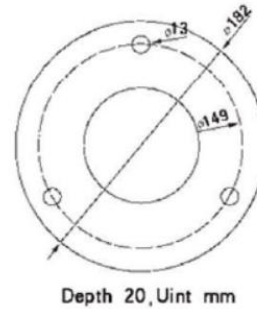
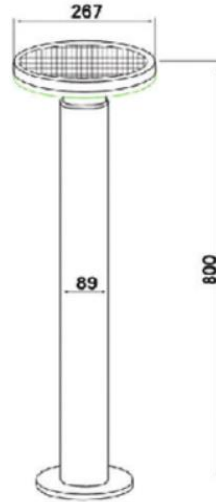
SLDY030FL

WWW.SENSLIGHTS.COM



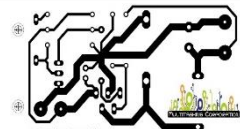
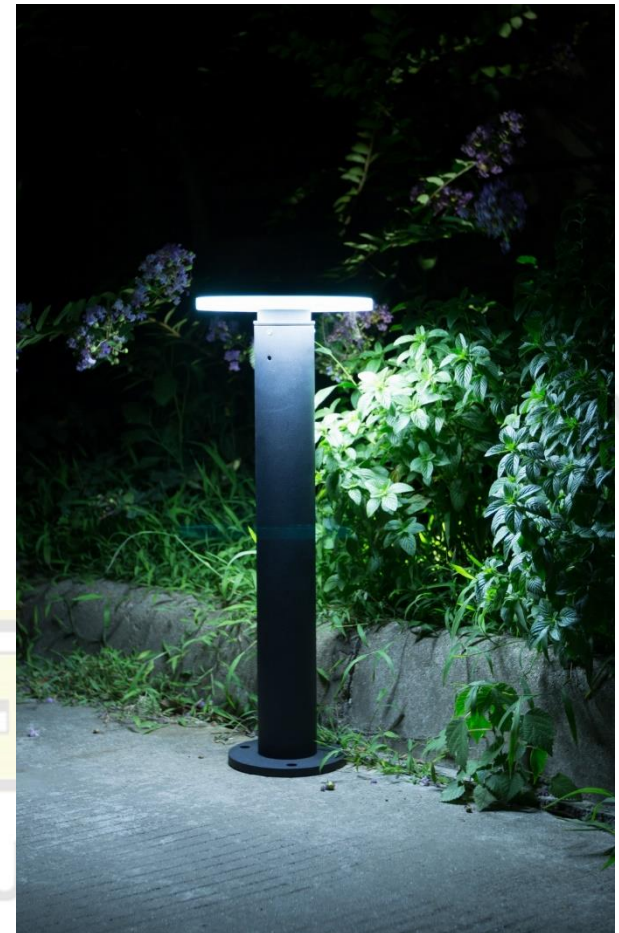
No Wiring No electricity!

Email:info@senslights.com

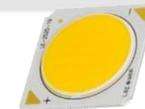


Solar Wall light

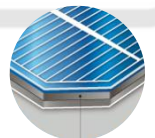
- Housing Material: Aluminum
- Products color :Black Powder coating
- Solar Panel:9W ,
- LED Type: .10 x 3.5 Psc, SensLights Chip
- Luminous: 385 to 435 lm
- Power Storage battery: 6V/4.5AH *2 battery
- Controller : Intelligent solar charge controller
- Average Operation Time: 10-12hrs
- Battery Charging time:6-7hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size 267/ 800 / 89 / 182 mm
- Gross Weight : 6.5KG
- Protection: IP65



Intelligent controller



SensLights LED Chip
45*45,1-3W



Solar Panel

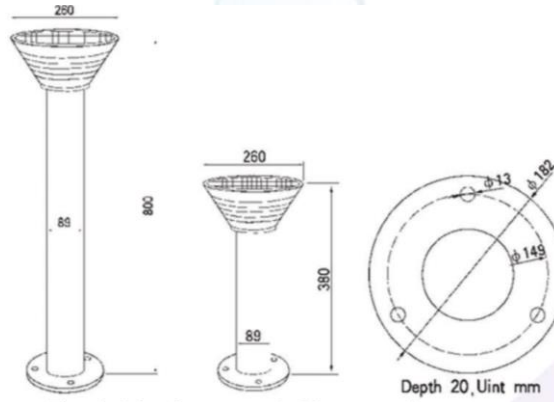
SLDY031FL

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No Wiring No electricity!

Email:info@senslights.com



The height is customizable according to special requirement.

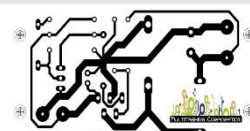


Solar Garden light

- Housing Material: Aluminum
- Products color :Black Powder coating
- Solar Panel:9W ,
- LED Type: .10 x 3.5 Psc, SensLights Chip
- Luminous: 385 to 435 lm
- Power Storage battery: 6V/4.5AH *2 battery
- Controller : Intelligent solar charge controller
- Average Operation Time: 10-12hrs
- Battery Charging time:6-7hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size 840/310/310 mm
- Gross Weight : 3.5KG
- Protection: IP65

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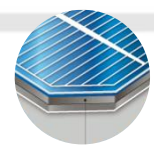
WWW.SENSLIGHTS.COM



Intelligent controller



SensLights LED Chip 45*45,1-3W



Solar Panel

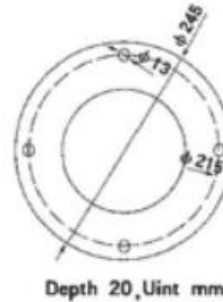
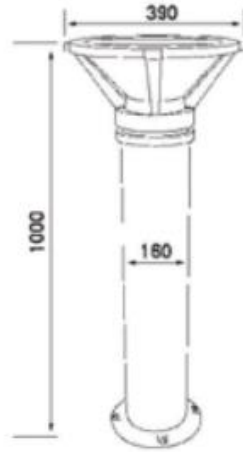
SLDY032FL

WWW.SENSLIGHTS.COM



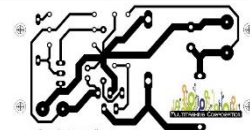
No Wiring No electricity!

Email:info@senslights.com



Solar Garden light

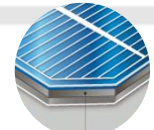
- Housing Material: Aluminum
- Products color :Black Powder coating
- Solar Panel:9W ,
- LED Type: .10 x 3.5 Psc, SensLights Chip
- Luminous: 440 to 500 lm
- Power Storage battery: 6V/4.5AH *2 battery
- Controller : Intelligent solar charge controller
- Average Operation Time: 10-12hrs
- Battery Charging time:6-7hours/day
- Temperature Range: -20°C - +70°C
- Dimmer Products Size 390/160 /1000 mm
- Gross Weight : 7.5KG
- Protection: IP65



Intelligent controller



SensLights LED Chip 45*45,1-3W



Solar Panel

SLMI-010DD



Email: info@senslights.com

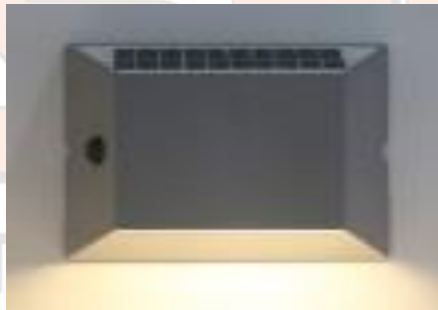
No Wiring No electricity!



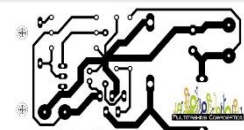
- Solar Panel: 1.5W ,
- Luminous: 84 to 108 lm
- Power Storage battery: 3.7v 220 mAH
- LED Type: .24Psc, SensLights Chip
- Products Size :24*14.5*12cm

SLMI-020DD

No Wiring No electricity!



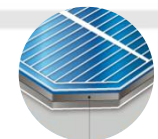
- Solar Panel: 0.6W ,
- Luminous: 105 to 108 lm
- Power Storage battery: 3.7v 220 mAH
- LED Type: .15Psc, SensLights Chip
- Products Size : 15*13.5*6.5cm



Intelligent controller



SensLights LED Chip
45*45,1-3W



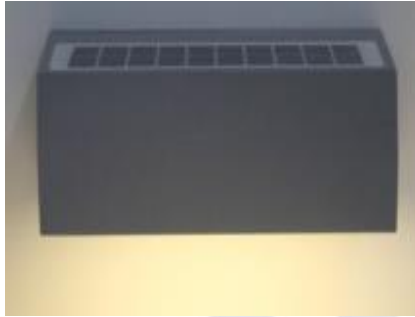
Solar Panel

SLMI-030DD

No Wiring No electricity!



Email:info@senslights.com



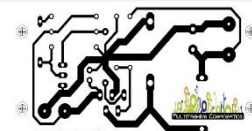
- Solar Panel: 1W ,
- Luminous: 105 to 108 lm
- Power Storage battery: 3.7v 220 mAH
- LED Type: .4Psc, SensLights Chip
- Products Size : 22*13*9cm

SLMI-040DD

Mini Solar Wall light



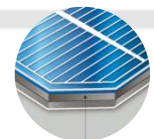
- Solar Panel: 0.6W ,
- Luminous: 105 to 108 lm
- Power Storage battery: 3.7v 220 mAH
- LED Type: .3Psc, SensLights Chip
- Products Size : 22*16.5*11cm



Intelligent controller



SensLights LED Chip
45*45,1-3W

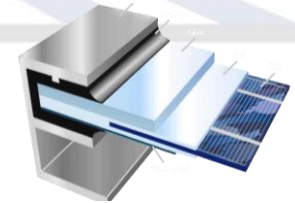
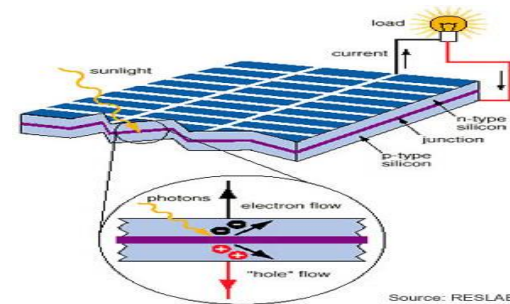
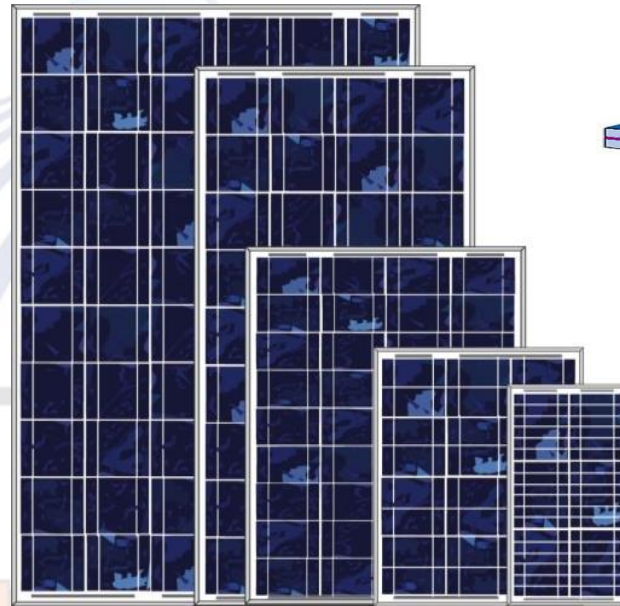
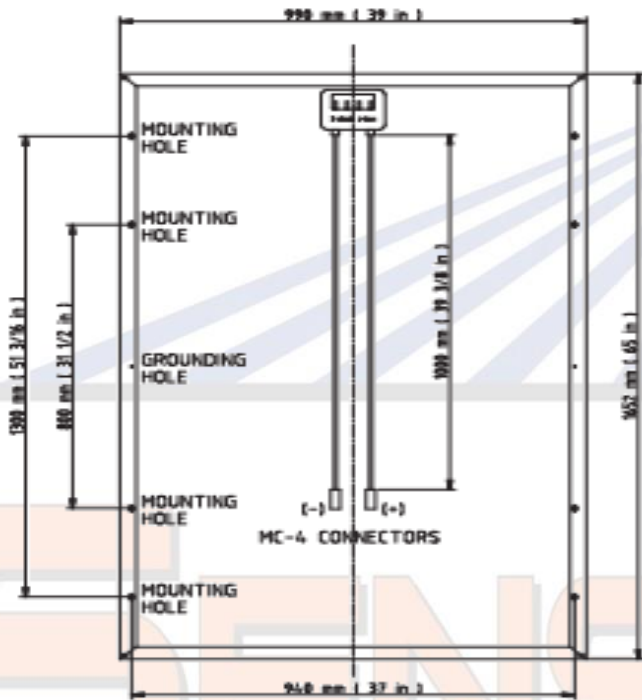


Solar Panel



Solar Panel

Multitasking Inductor Electronic Co LTD Cell Technology



With more than half a century of inductor electronic technology and 25 years of in-depth R&D, SensLights products is manufacturing Multitasking Inductor Electronic Co LTD and specializing mainly in producing the complete energy saving solution provider is pleased to introduce its first breakthrough photovoltaic module in South Korea. SensLights photovoltaic modules are perfect for general on- grid applications in residential, commercial and utility services. Built with reliable materials, a unique design and systematic quality assurance, SensLights is proud to provide its customers with unmatched product value and services.

Solar Angle Calculator

Select Country: Saudi Arabia

Select Town/City: Jiddah

Jiddah

Optimum Tilt of Solar Panels by Month

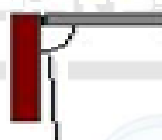
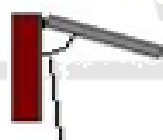
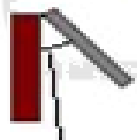
Figures shown in degrees from vertical

Jan	Feb	Mar	Apr	May	Jun
52°	60°	68°	76°	84°	92°
Jul	Aug	Sep	Oct	Nov	Dec
84°	76°	68°	60°	52°	44°

Winter

Spring/Autumn

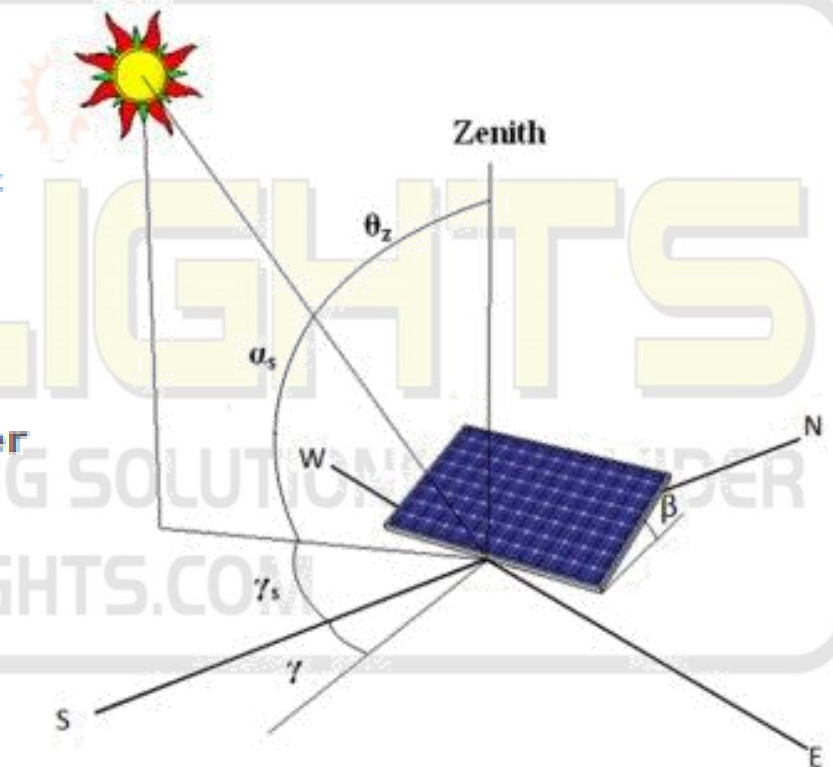
Summer



44° angle

68° angle

92° angle





Solar Ventilation Fans



Solar Ventilation Fans

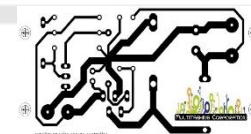
Outdoor fitting fan with a stationary solar panel. To be installed on a sunlit outer wall.

- Outdoor Installation
- Noiseless
- No electrical connection
- Easy to install (DIY)
- Intended for Outer Sunlit Walls
- Color: Black (black fan & black solar panel holder)
- Type: Solar Panel Driven Exhaust Air Fan

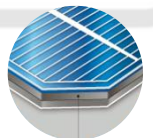


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Intelligent controller



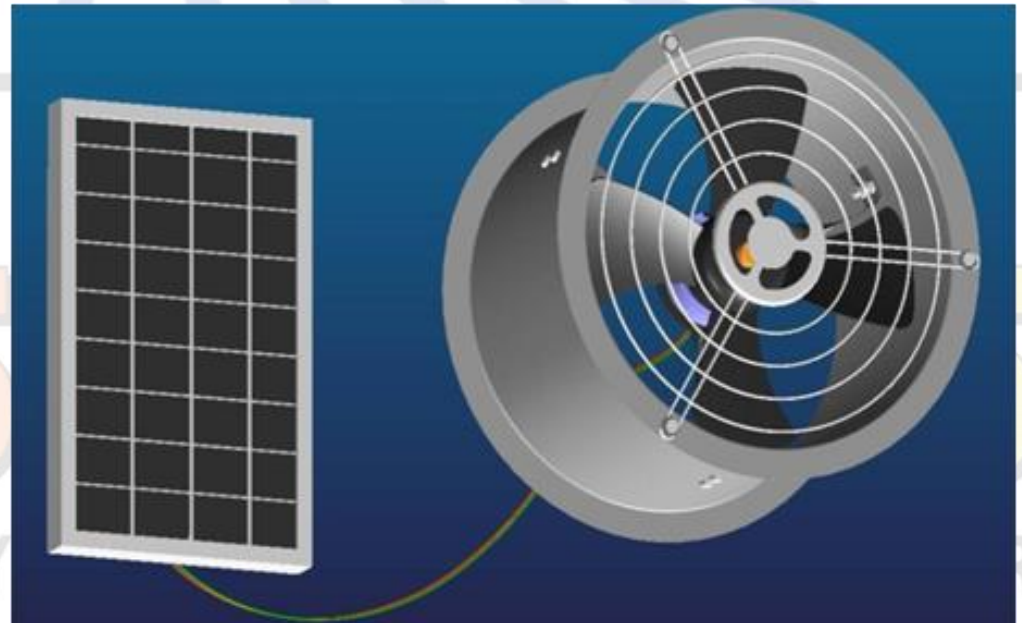
Solar Panel



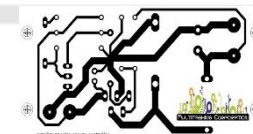
Solar Ventilation Fans

Outdoor fitting fan with a industry solar ventilation fan
To be installed on a sunlit outer wall.

- Outdoor Installation , Noiseless
- No electrical connection
- Easy to install (DIY)
- Intended for Outer Sunlit Walls



SENS
THE COMPLETE ENERGY

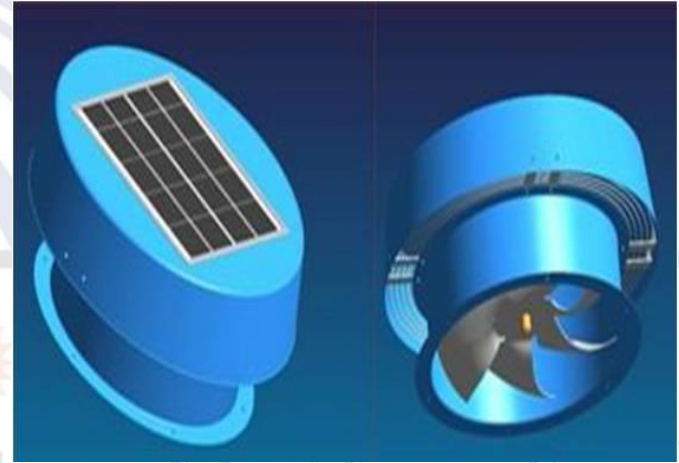


Intelligent controller

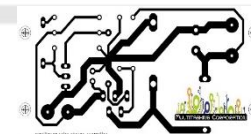


Solar Panel

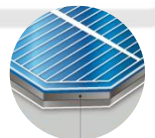
Solar Ventilation Fans



THE COMPLETE ENERGY SAVING SOLUTIONS PROVIDER



Intelligent controller



Solar Panel



SensLights Solar Water Pump



SensLights Solar Water Pump

Product Description

Features:

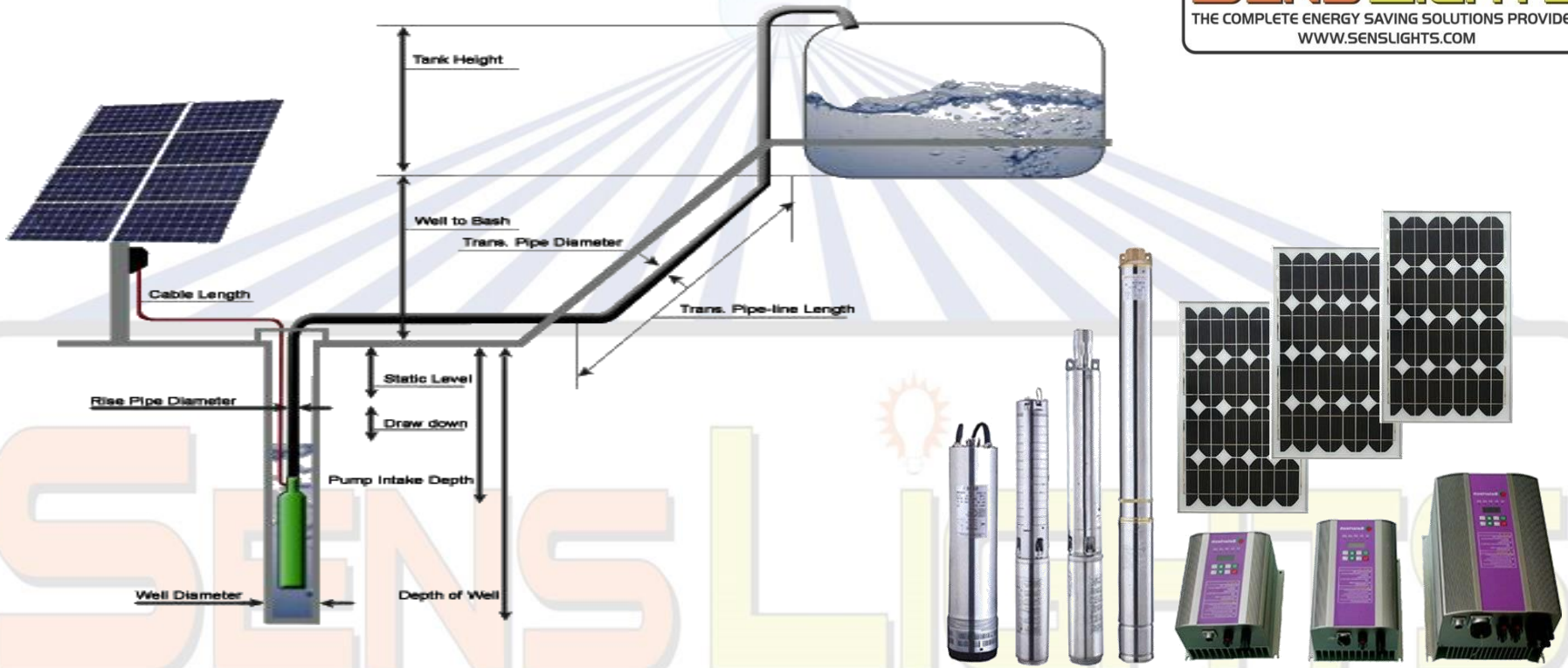
- High efficiency & high reliability
- Driven by PM, brushless DC Motor
- Minimum maintenance, long life & without watching
- Environment friendly materials, lubricate without oil and eco friendly

Applications:

- ❖ Village or family water supply
- ❖ Animal drinking water and live stock watering
- ❖ Garden/Courtyard irrigation
- ❖ Swimming pool
- ❖ Water supply for bivouac or camping car
- ❖ Water supply for remote areas



SensLights Solar Water Pump

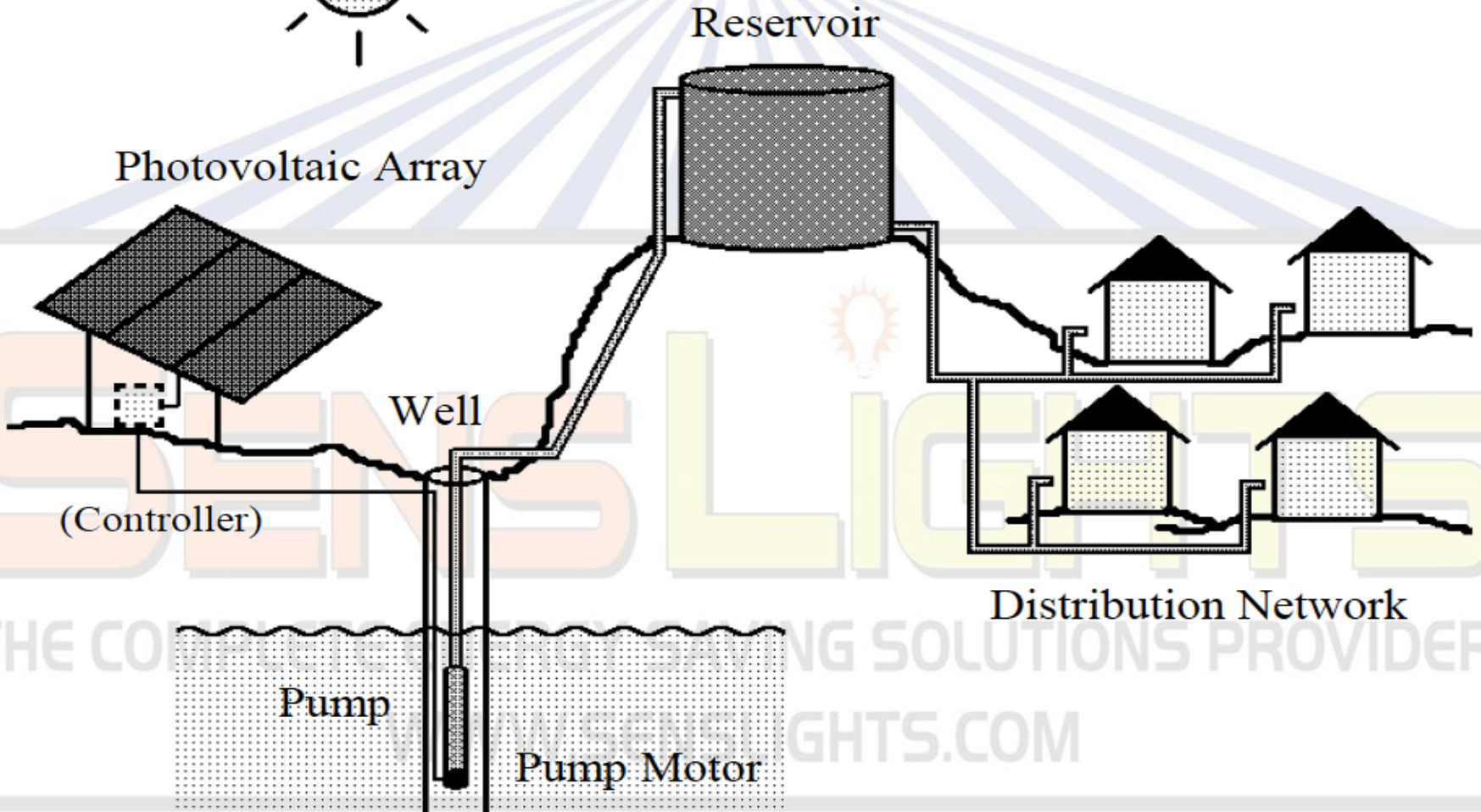
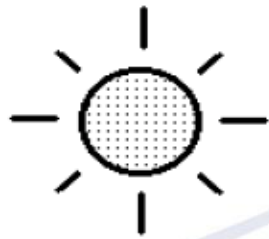


Application innovation:

The DC PM brushless motor has increased its efficiency up to 25% in comparison with traditional small asynchronous motor. 25% PV modules could be saved.

Structure Novelty:

Casting resin technology processed stator and rotor as well as the water lubricated bearing make the submersible pump environment friendly (no even one glob oil), easy to install and more reliability.



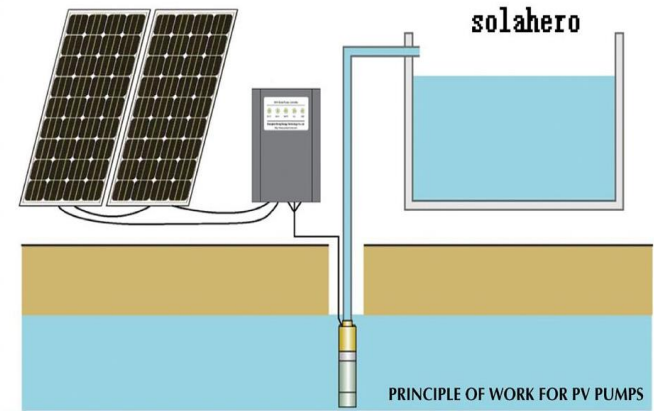
SensLights Solar Water Pump



Model	SLSGL1260-15
Rated power of pump	140W
Operation voltage	12V
Power of solar panel	200W (Aluminum junction box)
Rated flow rate	/hour
Rated head	
Outlet size	
Pump diameter	
Weight	
Length	
Pump cable length	
System daily flow	~
Water level controller	optional



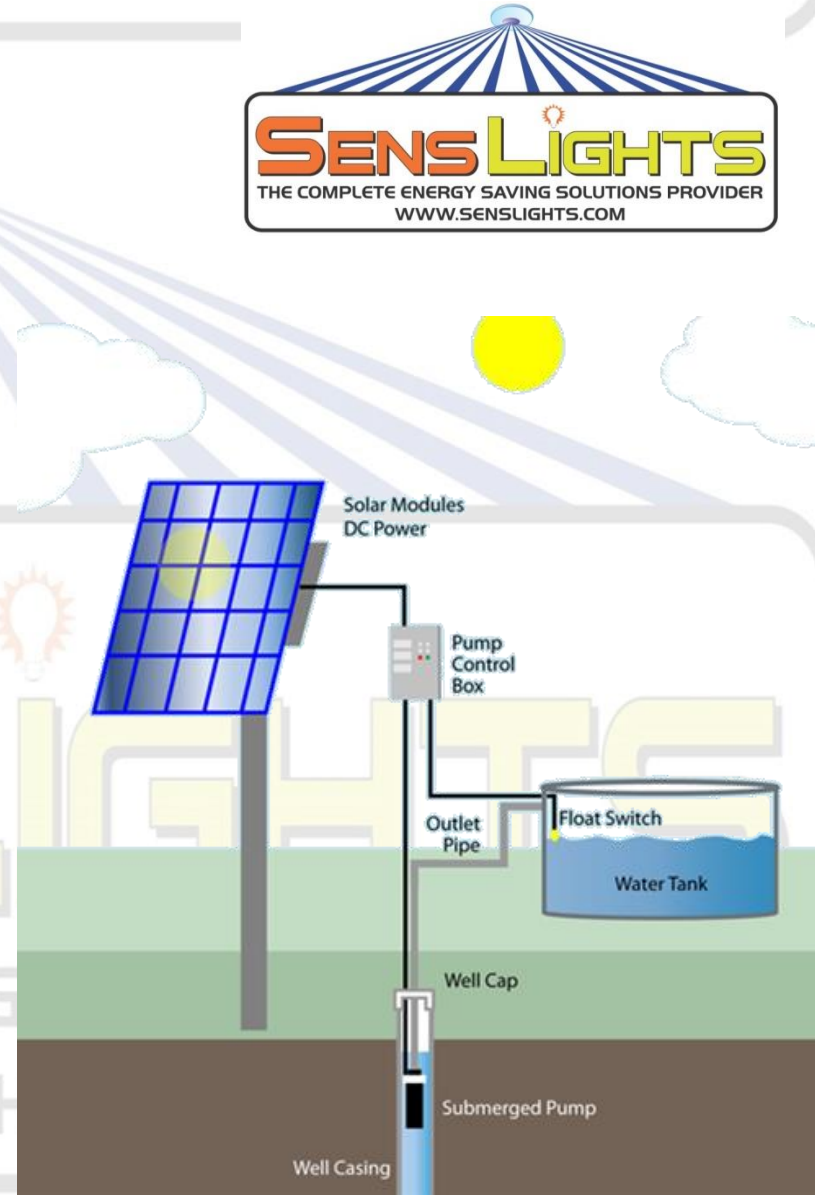
Model	SLSGL4860-70
Rated power of pump	576W
Operation voltage	48V
Power of solar panel	800W(Aluminum junction box)
Rated flow rate	/hour
Rated head	
Outlet size	
Pump diameter	
Weight	
Length	
Pump cable length	
System daily flow	~
Water level controller	optional



SensLights Solar Water Pump



Model	SLSGL1280-20
Rated power of pump	180W
Operation voltage	12V
Power of solar panel	260W(Aluminum junction box)
Rated flow rate	/hour
Rated head	
Outlet size	
Pump diameter	
Weight	
Length	
Pump cable length	
System daily flow	~
Water level controller	optional



SensLights Solar Water Pump Projects



S
PROVIDER

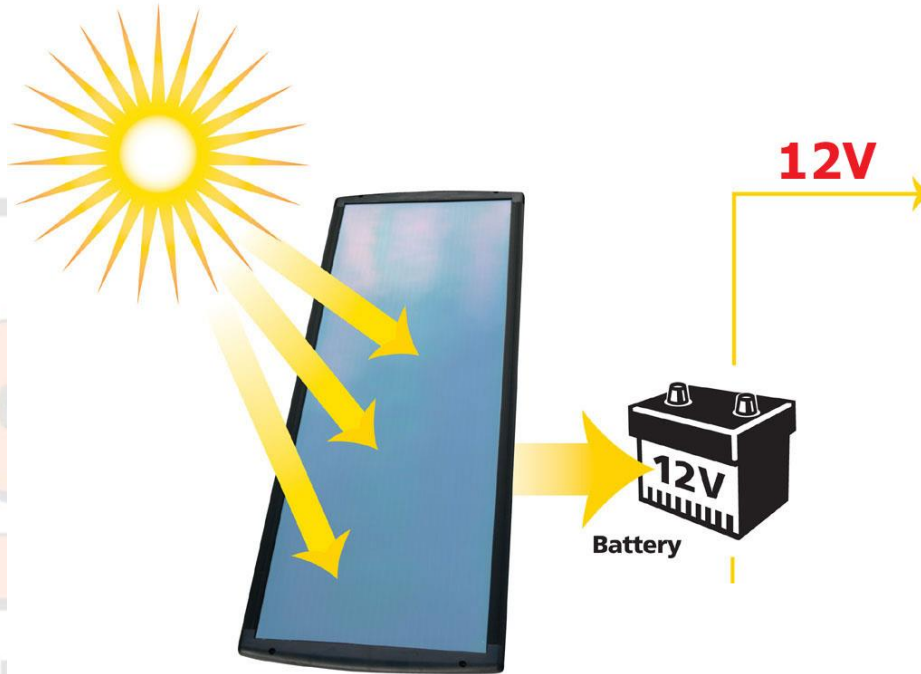
SensLights Solar Water Pump Projects



S
VIDER

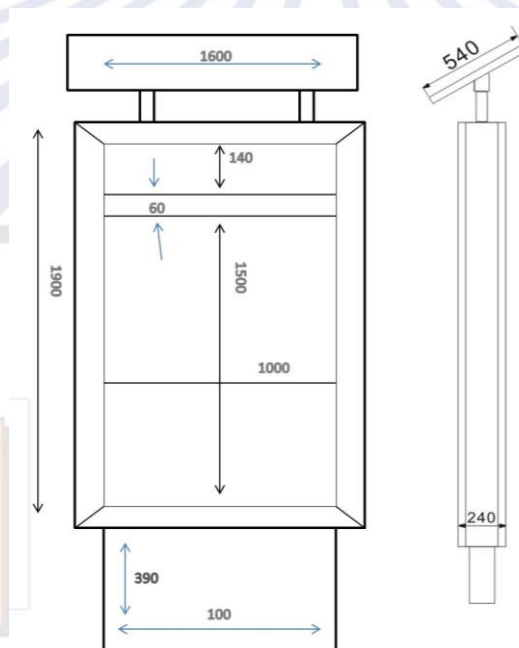
Solar advertisement boards

How Solar Works

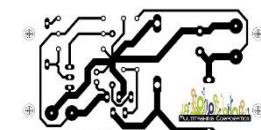




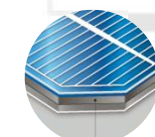
Solar advertisement boards



Customized Solar advertisement boards Systems



Intelligent controller

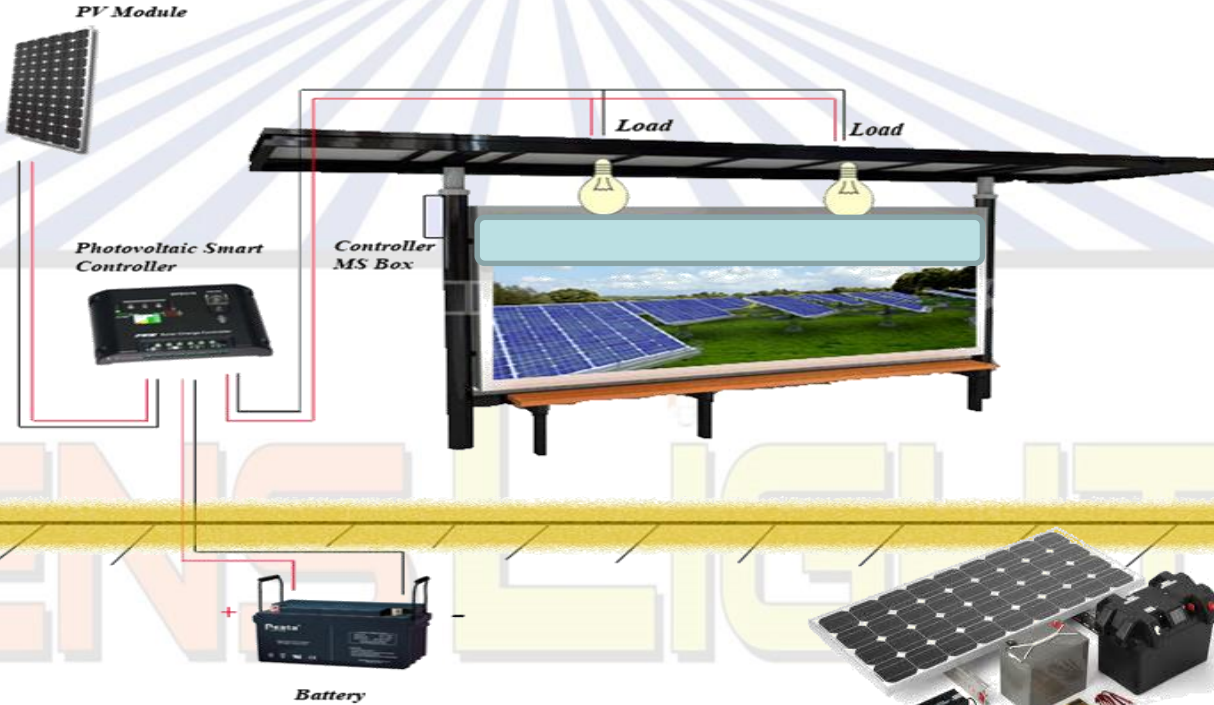


Solar Panel

Solar advertisement boards



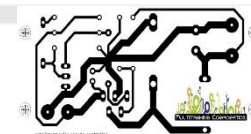
Solar Bus Stop Light System



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Customized Solar advertisement boards Systems



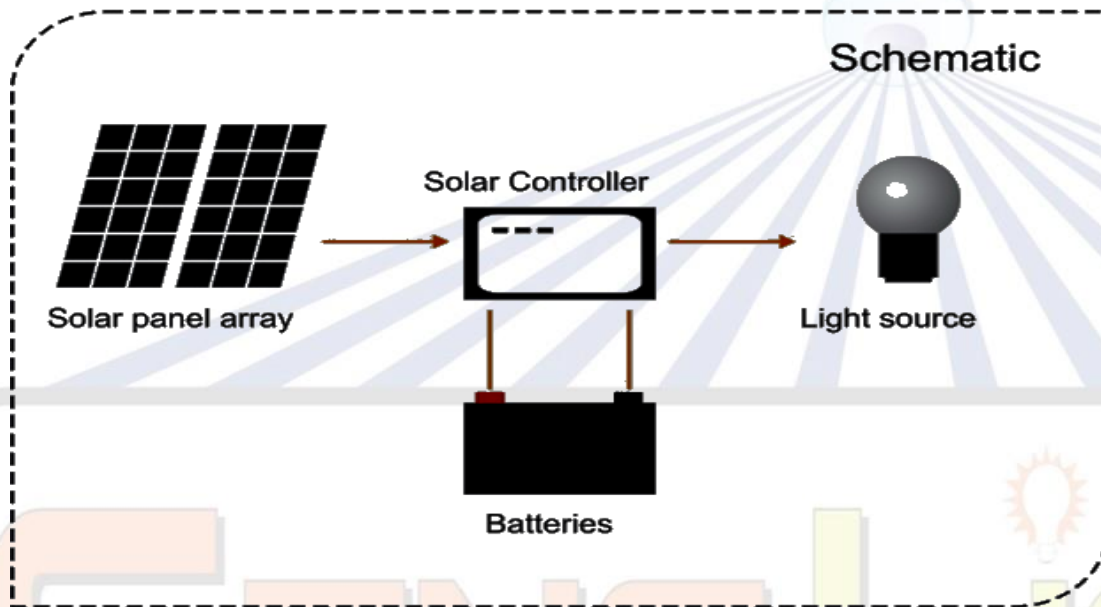
Intelligent controller



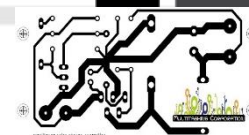
Solar Panel



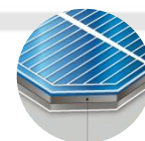
Solar advertisement boards



Schematic diagram



Intelligent controller



Solar Panel

SENSLIGHTS

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Solar advertisement boards

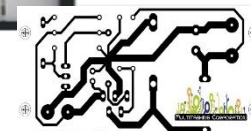


Total power: 4500W

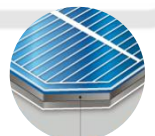
Working time per day: 12 hours

power consumption: 36000WH

Backup time: 3 days



Intelligent controller

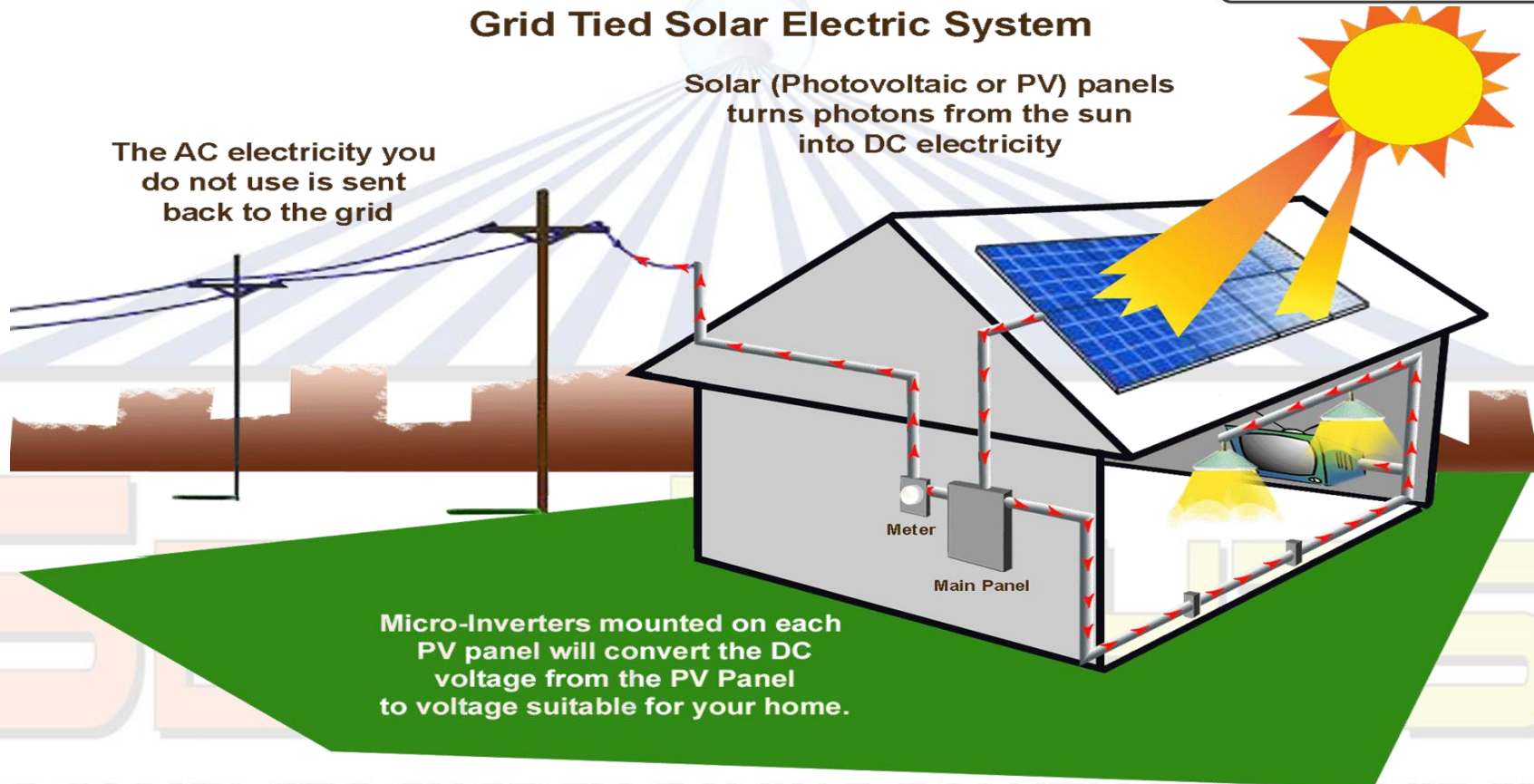


Solar Panel

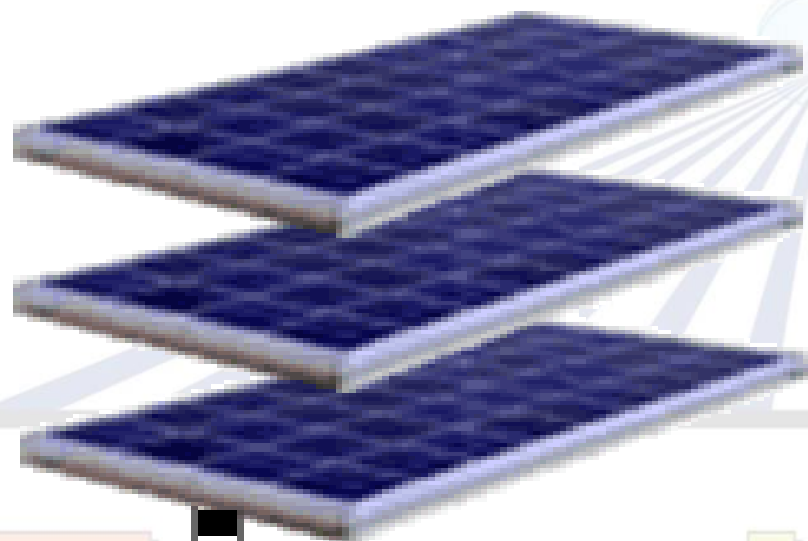
Grid Tied Solar Electric System

Solar (Photovoltaic or PV) panels turns photons from the sun into DC electricity

The AC electricity you do not use is sent back to the grid



AC Appliances



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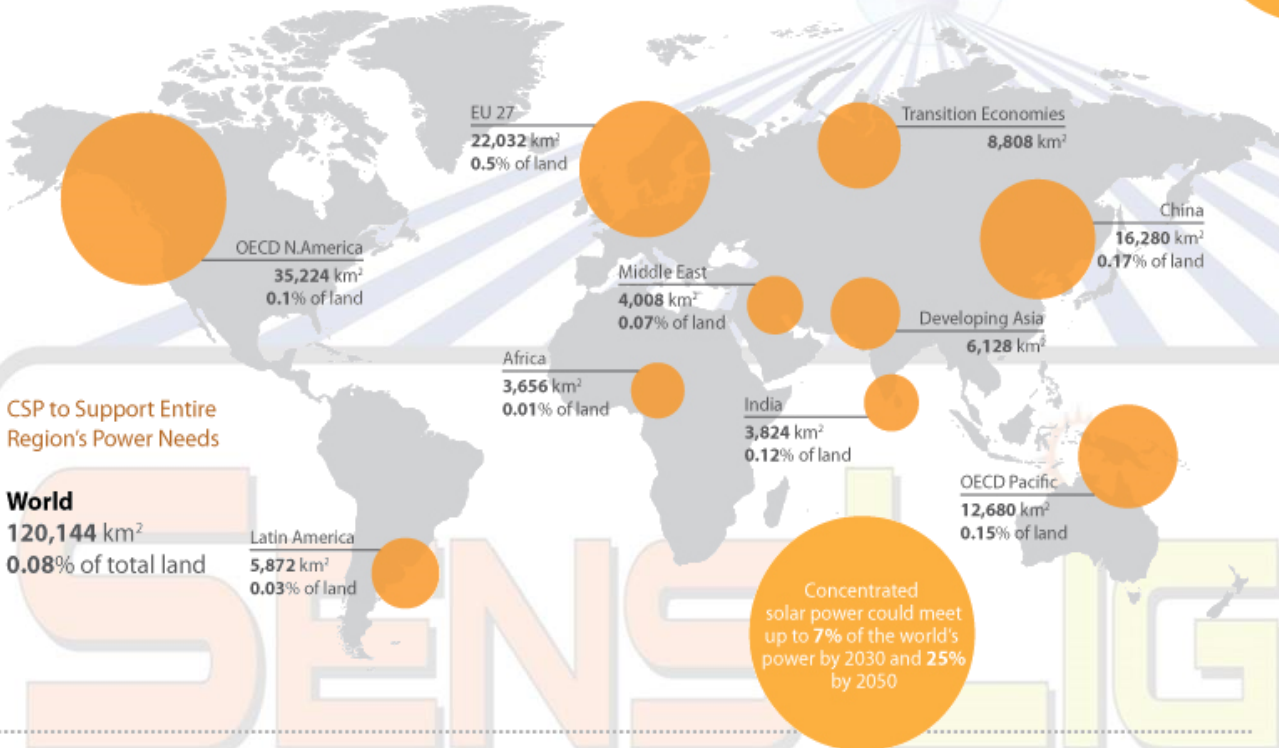
Concentrated Solar Power: Can it Power the World?

The first commercial CSP plant opened in Spain in 2007, and now similar projects are being lined up for north Africa in the hope that the continent's hot climate can help power the world.

Enough solar energy falls on the Earth's surface in **20 minutes** to meet our needs for a year

What is CSP?

CSP (Concentrating Solar Power) systems produce heat or electricity using hundreds of mirrors to concentrate the sun's rays to a temperature typically between 400 and 1000°C.



CSP to Support Entire Region's Power Needs

World
120,144 km²
0.08% of total land

Concentrated solar power could meet up to **7%** of the world's power by 2030 and **25%** by 2050

Ideal Landscape

- Low humidity
- Low dust
- Low fumes
- Located within less than 40 degrees of latitude north or south



The Sun emits **3.877 x 10²⁶ J** per second



Total fossil fuel potential **3.9 x 10²² J** per second

1km² of CSP

Enough to generate **100 - 130 GWh** of solar electricity a year. This is the same as a conventional oil or gas fired plant.

107,000 TWh



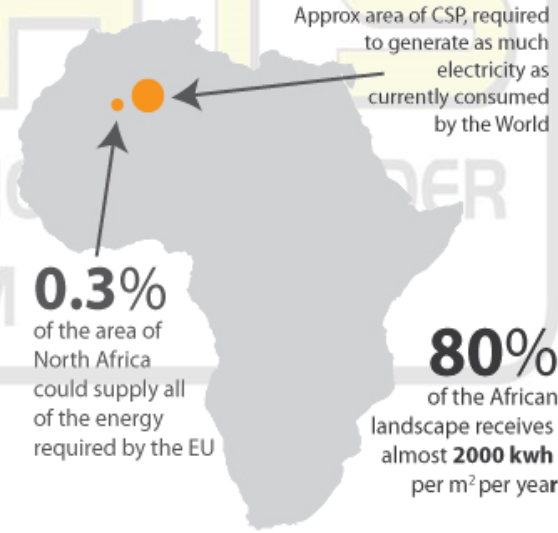
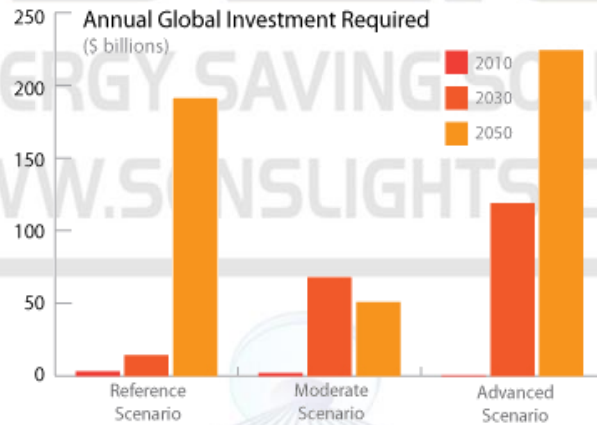
Annual Production / Consumption of Fossil Fuels

5.7 hours



Equivalent Solar Delivery in Deserts

It would only take **47 days** to acquire the equivalent in solar energy from the deserts, for all proven fossil fuel reserves.





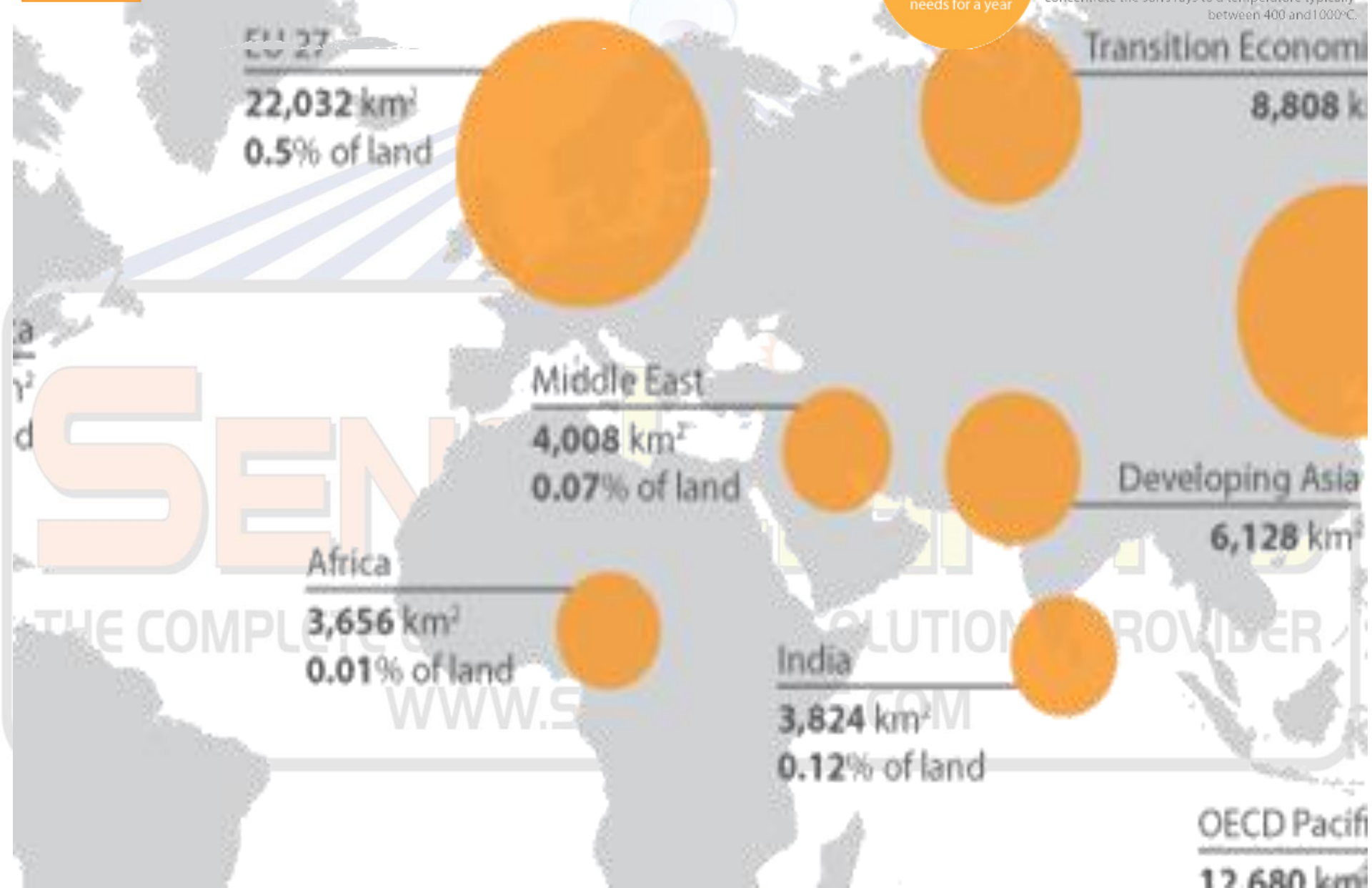
Concentrated Solar Power: Can it Power the World?

The first commercial CSP plant opened in Spain in 2007, and now similar projects are being lined up for north Africa in the hope that the continent's hot climate can help power the world.

Enough solar energy falls on the Earth's surface in **20 minutes** to meet our needs for a year

What is CSP?

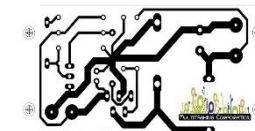
CSP (Concentrating Solar Power) systems produce heat or electricity using hundreds of mirrors to concentrate the sun's rays to a temperature typically between 400 and 1000°C.



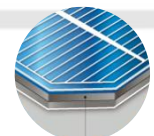
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Technical data:		Item No.	SLSH5000H-1
		Capacity	5000VA
		System voltage	220VDC
		Best output power everyday	13512WH
Inverter	Output wave	Pure sine wave	
	Output voltage	AC110/220V	
	Output frequency	50HZ/60HZ	
	Output current	18.2A(220V) / 36.4A(110V)	
	Precision of output voltage	±3%	
	Precision of output frequency	±0.1%	
	False output wave of AC	<3%	
	Overload ability	120%, 30 seconds	
	Invert efficiency	>85%	
Solar panel	Pmax	9000W	
	Vmp	315V	
	Imp	28.6A	
Battery	Capacity	216V800AH	



Intelligent controller



Solar Panel

S
VIDER



Thank you

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