

The logo for GECO, featuring the word "GECO" in a bold, white, sans-serif font with a registered trademark symbol (®) to its upper right, all set against a dark blue square background.

# GECO®

## SOLAR STREET LIGHTINGS



### Solar Street Lamps

Solar street lamps use high-effect monocrystalline silicon or polycrystalline silicon solar modules for power supply, The electricity is stored in high-efficiency, sealed and maintenance-free battery, The advanced automatic controller (inverter) specially used for solar street lamps, high-effect lighting source (**high-effect energy-saving lamps, high and low voltage sodium lamp, metal halogen lamp, electrodeless lamp or LED**),and over striking and thickening special lamp posts put together make the street lamps function as light control and time control. In the daytime they automatically charges and at night they will give light on their own. Solar street lamps are characterized by energy-saving and environmental protection, easy installation, no need of construction and laying of cables, no need of charges, reliable low-voltage power supply and long service life (solar battery can serve for 20-25 years, on sunny days, charging for one day may last for 5-10 days. These lamps may be widely used for lighting in squares, urban streets, housing estates, parks and scenic, urban and rural roads and factory areas.

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# SOLAR STREET LIGHT SYSTEM

## MODEL : JYS-01



- SOLAR MODULE : 100 ~ 110WP
- Fully-sealed and maintenance-free lead-acid battery 12V/100 Ah
- Controller specially designed for solar street lamps: Protection against overcharge and over-discharge, light control and time control
- Light source: 36W high-efficiency energy-saving lamps (or halogen lamps, electrode less lamp, LED)
- Lamp post: 5~6 meters, over striking and thickening and thickening, hot galvanization spraying-plastic
- Illumination: 2100Lm. Amounting to incandescent lamp of 210W. Fully charged lamps may word 6~10 hours a day (adjustable) and last 5~7 days on-end in cloudy or rainy weather.
- Applicable temperature: -40°C ~ 50°C
- Wind-proof capacity: ≥150FM/H

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# SOLAR STREET LIGHT SYSTEM

## MODEL : JYS-02



- SOLAR MODULE : 120 ~ 130WP
- Fully-sealed and maintenance-free lead-acid battery 12V/120 Ah
- Controller specially designed for solar street lamps: Protection against overcharge and over-discharge, light control and time control
- Light source: 45W high-efficiency energy-saving lamps (or halogen lamps, electrode less lamp, LED)
- Lamp post: 6~8 meters, over striking and thickening and thickening, hot galvanization spraying-plastic
- Illumination: 2500Lm. Amounting to incandescent lamp of 250W. Fully charged lamps may word 6~10 hours a day (adjustable) and last 4~6 days on-end in cloudy or rainy weather.
- Applicable temperature: -40°C~50°C
- Wind-proof capacity: ≥150FM/H

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# SOLAR STREET LIGHT SYSTEM

## MODEL : JYS-03



- SOLAR MODULE : 150 ~ 160WP
- Fully-sealed and maintenance-free lead-acid battery 12V/150 Ah
- Controller specially designed for solar street lamps: Protection against overcharge and over-discharge, light control and time control
- Light source: 55W high-efficiency energy-saving lamps (or halogen lamps, electrode less lamp, LED)
- Lamp post: 5~7 meters, over striking and thickening and thickening, hot galvanization spraying-plastic
- Illumination: 3300Lm. Amounting to incandescent lamp of 330W. Fully charged lamps may word 6~10 hours a day (adjustable) and last 4~6 days on-end in cloudy or rainy weather.
- Applicable temperature: -40°C ~ 50°C
- Wind-proof capacity:  $\geq 150\text{FM/H}$



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# SOLAR STREET LIGHT SYSTEM

## MODEL : JYS-04



- SOLAR MODULE : 200 ~ 220WP
- Fully-sealed and maintenance-free lead-acid battery 12V/200 Ah
- Controller specially designed for solar street lamps: Protection against overcharge and over-discharge, light control and time control
- Light source: 70W high-efficiency energy-saving lamps (or halogen lamps, electrode less lamp, LED)
- Lamp post: 6~8 meters, over striking and thickening and thickening, hot galvanization spraying-plastic
- Illumination: 4000Lm. Amounting to incandescent lamp of 400W. Fully charged lamps may word 6~10 hours a day (adjustable) and last 5~7 days on-end in cloudy or rainy weather.
- Applicable temperature: -40°C ~ 50°C
- Wind-proof capacity: ≥150FM/H

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# SOLAR STREET LIGHT SYSTEM

## MODEL : JYS-05



- SOLAR MODULE : 150 ~ 160WP
- Fully-sealed and maintenance-free lead-acid battery 12V/150 Ah
- Controller specially designed for solar street lamps: Protection against overcharge and over-discharge, light control and time control
- Light source: 55W high-efficiency energy-saving lamps (or halogen lamps, electrode less lamp, LED)
- Lamp post: 6~8 meters, over striking and thickening and thickening, hot galvanization spraying-plastic
- Illumination: 4800Lm. Amounting to incandescent lamp of 480W. Fully charged lamps may word 6~10 hours a day (adjustable) and last 5~7 days on-end in cloudy or rainy weather.
- Applicable temperature: -40°C~50°C
- Wind-proof capacity: ≥150FM/H

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# SOLAR STREET LIGHT SYSTEM

## MODEL : JYS-06



- SOLAR MODULE : 200 ~ 220WP
- Fully-sealed and maintenance-free lead-acid battery 12V/200 Ah
- Controller specially designed for solar street lamps: Protection against overcharge and over-discharge, light control and time control
- Light source: 40W x 2 high-efficiency energy-saving lamps (or halogen lamps, electrode less lamp, LED)
- Lamp post: 6~8 meters, over striking and thickening and thickening, hot galvanization spraying-plastic
- Illumination: 4800Lm. Amounting to incandescent lamp of 480W. Fully charged lamps may word 6~10 hours a day (adjustable) and last 5~7 days on-end in cloudy or rainy weather.
- Applicable temperature: -40°C~50°C
- Wind-proof capacity: ≥150FM/H

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# SOLAR STREET LIGHT SYSTEM

## MODEL : JYS-07



- SOLAR MODULE : 220 ~240WP
- Fully-sealed and maintenance-free lead-acid battery 12V/200 Ah
- Controller specially designed for solar street lamps: Protection against overcharge and over-discharge, light control and time control
- Light source: 80W high-efficiency energy-saving lamps (or halogen lamps, electrode less lamp, LED)
- Lamp post: 6~8 meters, over striking and thickening and thickening, hot galvanization spraying-plastic
- Illumination: 4800Lm.Amounting to incandescent lamp of 480W.Fully charged lamps may word 6~10 hours a day (adjustable) and last 5~7 days on-end in cloudy or rainy weather.
- Applicable temperature: -40°C~50°C
- Wind-proof capacity: ≥150FM/H

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## SOLAR STREET LIGHT SYSTEM

### MODEL : JYS-08



- SOLAR MODULE : 200 ~ 220WP
- Fully-sealed and maintenance-free lead-acid battery 12V/200 Ah
- Controller specially designed for solar street lamps: Protection against overcharge and over-discharge, light control and time control
- Light source: 55W high-efficiency energy-saving lamps (or halogen lamps, electrode less lamp, LED)
- Lamp post: 8~10 meters, over striking and thickening and thickening, hot galvanization spraying-plastic
- Illumination: 4500Lm. Amounting to incandescent lamp of 450W. Fully charged lamps may word 6~10 hours a day (adjustable) and last 5~7 days on-end in cloudy or rainy weather.
- Applicable temperature: -40°C ~ 50°C
- Wind-proof capacity: ≥150FM/H

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# SOLAR STREET LIGHT SYSTEM

## MODEL : JYS-09



- SOLAR MODULE : 220 ~240WP
- Fully-sealed and maintenance-free lead-acid battery 12V/220 Ah
- Controller specially designed for solar street lamps: Protection against overcharge and over-discharge, light control and time control
- Light source:40W x 2 high-efficiency energy-saving lamps (or halogen lamps, electrode less lamp, LED)
- Lamp post: 8~12 meters, over striking and thickening and thickening, hot galvanization spraying-plastic
- Illumination: 5400Lm.Amounting to incandescent lamp of 540W.Fully charged lamps may word 6~10 hours a day (adjustable) and last 5~7 days on-end in cloudy or rainy weather.
- Applicable temperature: -40°C~50°C
- Wind-proof capacity: ≥150FM/H

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# SOLAR STREET LIGHT SYSTEM

## MODEL : JYS-10



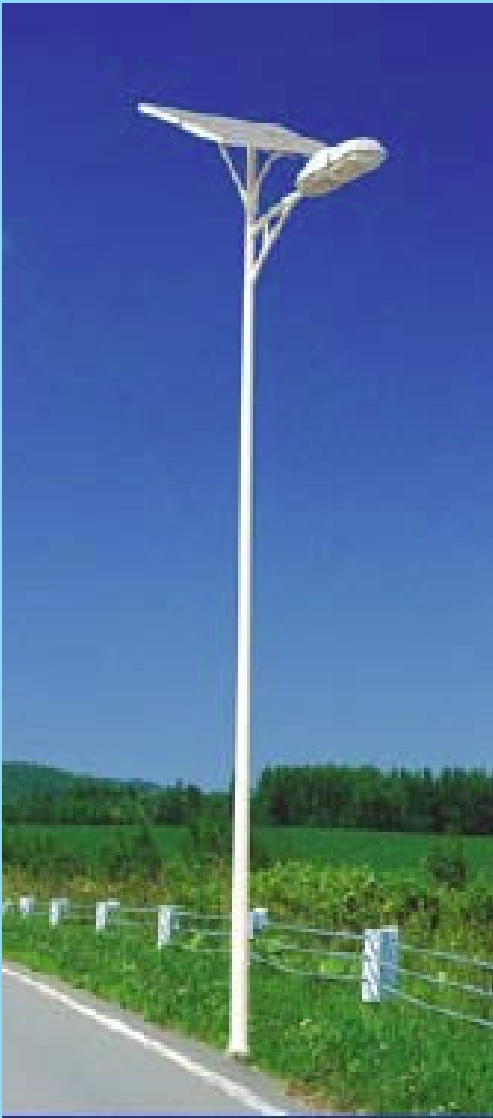
- SOLAR MODULE : 240 ~260WP
- Fully-sealed and maintenance-free lead-acid battery 12V/240 Ah
- Controller specially designed for solar street lamps: Protection against overcharge and over-discharge, light control and time control
- Light source: 80W high-efficiency energy-saving lamps (or halogen lamps, electrode less lamp, LED)
- Lamp post: 8~12 meters, over striking and thickening and thickening, hot galvanization spraying-plastic
- Illumination: 5400Lm.Amounting to incandescent lamp of 540W.Fully charged lamps may word 6~10 hours a day (adjustable) and last 5~7 days on-end in cloudy or rainy weather.
- Applicable temperature: -40°C~50°C
- Wind-proof capacity: ≥150FM/H



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# SOLAR STREET LIGHT SYSTEM

## MODEL : JYS-11



- SOLAR MODULE : 120 ~ 130WP
- Fully-sealed and maintenance-free lead-acid battery 12V/200 Ah
- Controller specially designed for solar street lamps: Protection against overcharge and over-discharge, light control and time control
- Light source: 45W high-efficiency energy-saving lamps (or halogen lamps, electrode less lamp, LED)
- Lamp post: 6~8 meters, over striking and thickening and thickening, hot galvanization spraying-plastic
- Illumination: 2500Lm. Amounting to incandescent lamp of 250W. Fully charged lamps may word 6~10 hours a day (adjustable) and last 4~6 days on-end in cloudy or rainy weather.
- Applicable temperature: -40°C~50°C
- Wind-proof capacity: ≥150FM/H