

Solar street light systems

Split-type systems, designed per project



Specifications

Configuration	Split type: panel and battery separate from the LED head
LED head	From our LSD range (see LED datasheets)
Battery	LiFePO4, sized per project
Solar panel	Sized per project from site irradiation
Pole	Steel, formed and welded in-house; height to project
Arm styles	Single, double, decorative

Options

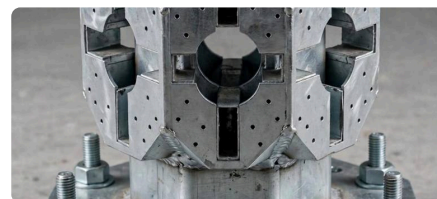
- ✓ Lighting hours and rainy-day autonomy to your specification
- ✓ Pole height, arm and colour to your design
- ✓ OEM branding and county / client marking

To quote, send us: Site location, road width, pole spacing and height, required lux or lighting class, lighting hours, rainy-day backup, quantity.

Product renderings and illustrations. Final design and specifications are confirmed in the quotation.

Steel lighting poles

Up to 15 m, made to your drawing



Specifications

Height	Up to 15 m, formed in a single press-brake pass
Section	Octagonal or round
Arms	Single, double or straight shaft; decorative arms on request
Base	Flange and stiffeners welded in-house; anchor bolts to design
Finish	Coated on our own line; colour to specification
Design	Height, wall thickness and flange to your drawing or local standard

Options

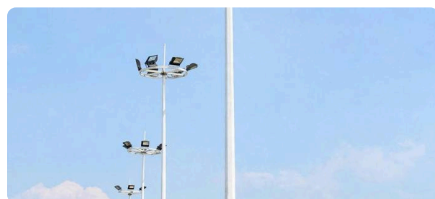
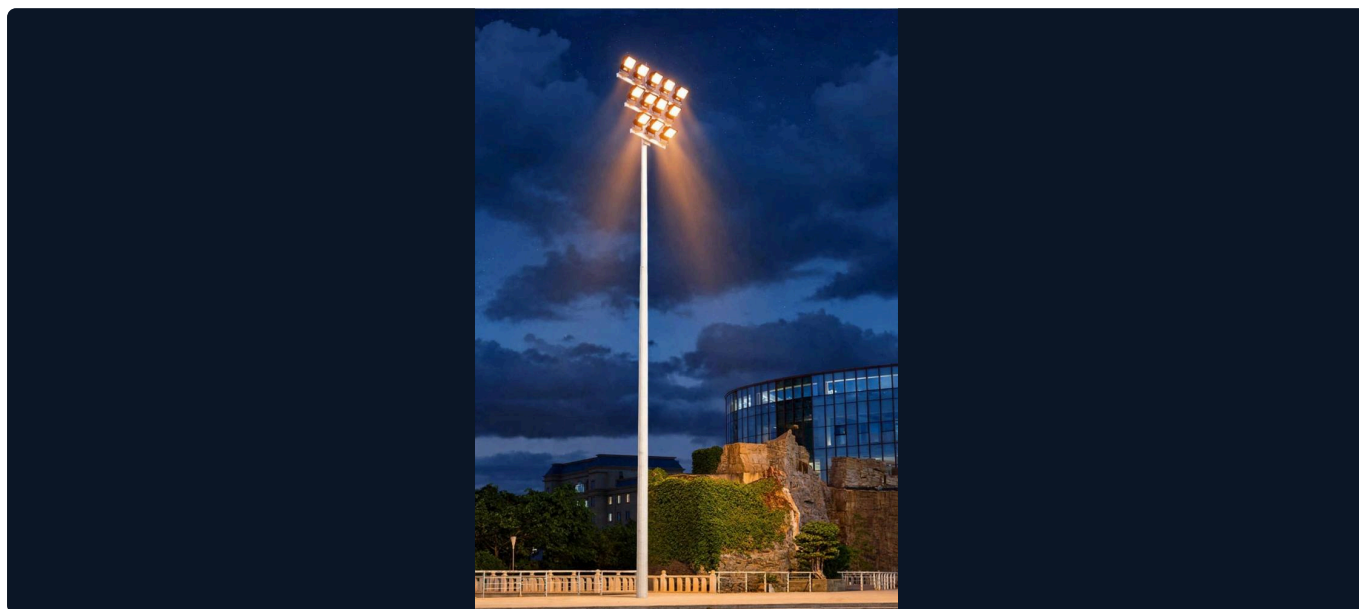
- ✓ Local design motifs and decorative elements
- ✓ OEM marking
- ✓ Matched with our LED heads and solar systems

To quote, send us: Pole drawing or height, arm type and length, luminaire weight, design wind speed, finish and quantity.

Product renderings and illustrations. Final design and specifications are confirmed in the quotation.

High-mast lighting

LSD-G60, G62, G64, G65



Specifications

Models	LSD-G60, LSD-G62, LSD-G64, LSD-G65
Crown	Ring crowns or multi-tier floodlight frames
Applications	Interchanges, ports, logistics yards, sports grounds, public squares
Configuration	Mast height, number of floodlights and power to the area you need to light

Options

- ✓ Floodlight power and optics to your lighting design
- ✓ Finish and colour to specification
- ✓ OEM marking

To quote, send us: Area to be lit and required lux, mast height if fixed, design wind speed, power supply, quantity.

Product renderings and illustrations. Final design and specifications are confirmed in the quotation.

Fixed ground-mount systems

70+ designs for any terrain



Specifications

Design standards	Chinese GB, US, European, Japanese
Wind & snow load, tilt	Designed per project
Terrain slope	Up to 30° north-south, 20° east-west
Terrain types	Desert, mountain, farmland, tidal flat, water surface
Material	Carbon steel; hot-dip galvanized, Zn-Al-Mg or pre-galvanized
Foundations	Steel pile, PHC pile, cast-in-place pile, independent footing
Modules	All common framed modules
Design life	25 years

Options

- ✓ Terrain-following tables for hillside sites
- ✓ Coating matched to site corrosivity
- ✓ OEM branding

To quote, send us: Capacity and layout, module size and weight, wind / snow / seismic data, soil report if available, Incoterm and port.

Product renderings and illustrations. Final design and specifications are confirmed in the quotation.

Adjustable-tilt systems

Seasonal tilt without a tracker



Specifications

Mechanism	Scissor jack on each post, linked by universal joints and a drive shaft
Steel weight	Approx. 35 t per MW
Adjustment	Manual or powered drive; no bolts to loosen; one person adjusts at least 5 MW per day
Drive tool	Battery tool runs a full working day per charge
Screw rods	Hot-dip galvanized, rated rust-free for 25 years

Options

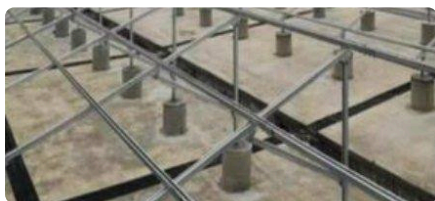
- ✓ Tilt range to your latitude
- ✓ Foundations to your soil
- ✓ OEM branding

To quote, send us: Capacity and layout, module data, latitude and tilt plan, wind / snow data, Incoterm and port.

Product renderings and illustrations. Final design and specifications are confirmed in the quotation.

Rooftop & carport systems

Metal roofs, concrete roofs, carports



Specifications

Roof types	Light-steel metal roofs, concrete flat roofs, residential, commercial and office buildings
Fixing	Roof clamps for metal sheet; concrete ballast for flat roofs
Material	Carbon steel, Zn-Al-Mg, pre-galvanized steel or aluminium alloy
Wind & snow load, tilt	Designed per project
Modules	All framed modules
Design life	25 years

Options

- ✓ Up-front design incl. structural check of the existing building
- ✓ Carport structures
- ✓ OEM branding

To quote, send us: Roof type and drawings, module data, wind / snow data, capacity, Incoterm and port.

Product renderings and illustrations. Final design and specifications are confirmed in the quotation.

Single-axis trackers

More energy from the same land



Specifications

Tracking	Smart algorithm, around 2 % additional yield
Range	Up to $\pm 60^\circ$ (optional)
Terrain	Spherical bearings follow slopes up to 15 %
Structure	Multi-point support; interlocked drives that correct torque-tube twist
Protection	Multiple protection modes

Options

- ✓ Row length and module layout to your site
- ✓ Foundations to your soil
- ✓ OEM branding

To quote, send us: Capacity and layout, module data, wind / snow data, soil report, Incoterm and port.

Product renderings and illustrations. Final design and specifications are confirmed in the quotation.

Flexible cable systems

Long spans for agri- and fishery-PV



Specifications

Span	Up to approx. 40 m
Piles	As few as 94 per MW
Tilt	Supports steeper module tilt for higher yield
Wind resistance	Double-cable lower layer with flared tension structure, braced front-to-back
Cost	2–5 % lower investment than conventional elevated structures

Options

- ✓ Clearance height for farming or fishing below
- ✓ Foundations to your soil
- ✓ OEM branding

To quote, send us: Capacity and layout, required clearance and span, module data, wind / snow data, Incoterm and port.

Product renderings and illustrations. Final design and specifications are confirmed in the quotation.