

Solar Street Light, USA™ Induction Lighting is a cost-effective Solution

Solar Street Lights	Specifications
Light assembly:	<ul style="list-style-type: none"> • 40 watt- 3350 Lumens • 70 watt- 6500 Lumens • Cobra head with night sky compliant lens • Optional “Shoe Box” fixture with 50 Watt Lamp • Ballast- made in USA 24 volt DC electronic type • Lamp finish- powder coat to owners specifications • Light fixture made in the USA
Battery Box:	<ul style="list-style-type: none"> • Heavy gauge 1/8” aluminum with welded seams • Front door: stainless steel hinge and gasketed – lockable • Vents: screened vent on front door • Mounting: two tabs top and bottom for fasteners • Rubber sheet at bottom for battery protection • Color per owner- powder coated finish • Made in the USA
Batteries:	<ul style="list-style-type: none"> • Gel cell 6 volt or 12 volt batteries rated for 5000 cycles- made in USA • 4- 210 AH cells in series or 2- 100 AH in series
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Drawing of lamp:	<ul style="list-style-type: none"> • <u>CAD drawing of solar street light</u>
Charge/Light controller:	<ul style="list-style-type: none"> • Morningstar- 24 volt 10 amp controller- made in the USA • Field adjustable for on/off times • Settable for gel cell battery charge curve • PWM charge regulation • 5 year factory warranty • Factory mounted in battery box • Controller automatically adjusts for seasonal light changes
Solar panels:	<ul style="list-style-type: none"> • Manufactured by Sharp or Solarworld USA • 25 year warranty • 130 watts per panel (2 pcs) Sharp • 175 watts Solarworld

<p>Top of pole mount:</p>	<ul style="list-style-type: none"> • Field adjustable for maximum solar panel performance- latitude and true south- • Heavy gauge 3/16 steel frame • Rated for 130 MPH • Hot dipped galvanized after fabrication- optional color per owner- • Made in the USA
<p>Pole:</p>	<ul style="list-style-type: none"> • 5x5" square steel construction • 3/16 wall steel or 1/4" for high wind areas • Tenon for solar mount integral to top of pole • Base plate 1" steel with pole set inside base with top and bottom welding • Hot dipped galvanized after fabrication- color per owner- • Rated at 130 MPH gust • Galvanized heavy 1" x30" anchor bolts included • Made in the USA
<p>Light arm mount:</p>	<ul style="list-style-type: none"> • 2" 1/4" wall aluminum x 4' • Welded flange with 5/16 SS bolts for pole attachment • Made in the USA
<p>Wiring harness:</p>	<ul style="list-style-type: none"> • 12 gauge UL duplex cable- soft copper stranded core • Male/female AMP plugs for easy connection • Heat shrink type terminal ends at batteries • Made in the USA
<p>Fusing:</p>	<ul style="list-style-type: none"> • Mounted on rear wall of battery box • Fusing to light, batteries and solar panels • ATC fuse type- 10 amps each- spares included (3)
<p>Warranty:</p>	<ul style="list-style-type: none"> • 5 years on ALL components • 25 year warranty on solar cells from manufacture • 24/7 phone support