



Simplify the Addition of Convenience Charging

Today, people want to be connected and productive wherever they are – even outdoors. From corporate settings to higher ed campuses to municipal parks, everyone is carrying more devices, and everyone needs a charge.

The Solar Charging Kit from Legrand provides a quick and easy way to add convenience charging to any campus. The kit includes a solar panel and mounting hardware along with three white charging shelves. Each shelf has 2 USB ports sharing 3.1A of power and is large enough to hold a device during charging. The USBs are always illuminated to enable use after dark.

Because this kit mounts to any 4" diameter round light pole, it complements your existing landscape design. The solar design eliminates the need to trench power, saving time and money. Convenience charging can be quickly added to any campus without an expensive construction project.

Features & Benefits

- **Solar Solution.** Eliminates the need to trench and run wire. Updating spaces with mobile device charging doesn't require a full construction project.
- **Three Shelves with USB Charging.** Two ports per shelf provide 3.1A of shared charging power for phones or tablets. Up to six people can charge at once.
- **Protected Ports.** USBs are protected from weather by sliding doors when not in use.
- **Illuminated Charging.** LED illumination at each USB port simplifies use after-dark and assists with identification.
- **Flexible Installation.** Charging kit mounts to any 4" diameter round, straight light pole for ease of installation.
- **Outdoor-Rated Construction.** Designed to withstand hurricane force winds.
- **Modular Design.** Simplifies installation. USB ports, batteries, solar panels, and shelves can be easily replaced as-needed.



Vertical Markets

- Commercial
- Education
- Parks
- Hospitality
- Entertainment
- Transit

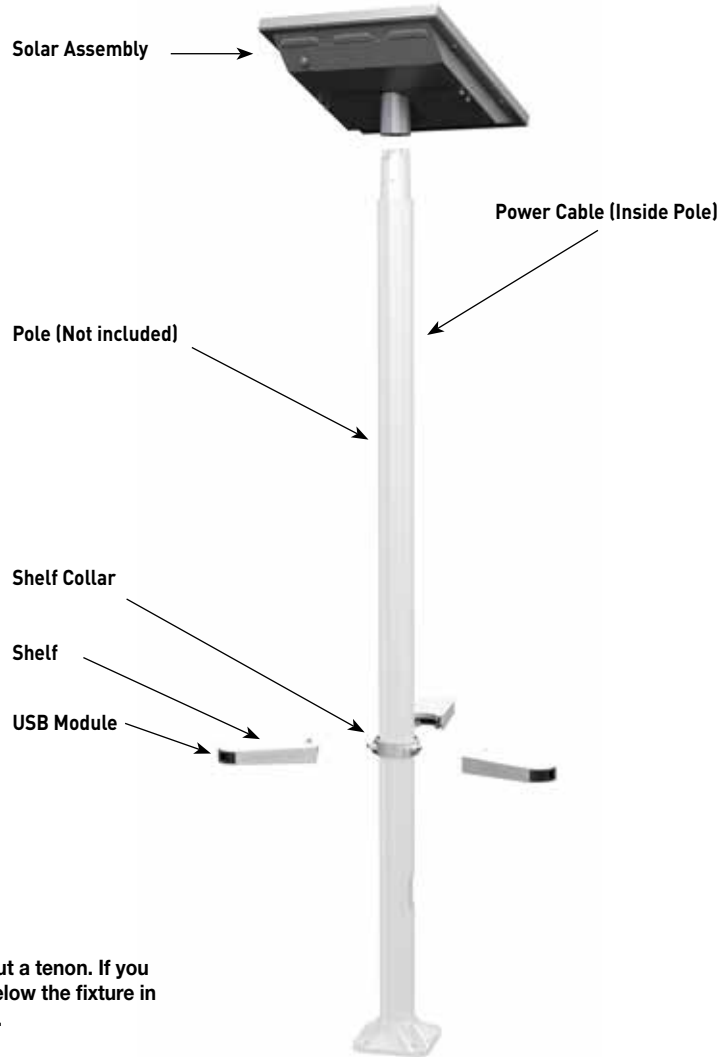
Compliance

FCC Part 15B
RoHS

Kit Contents

- Solar Assembly
- Shelf Collar
- Three (3) Shelves with USB Modules
- Wiring Harness

NOTE: Solar Charging Kit does not include pole.



Light Pole Specifications

Pole Configuration: Round Straight Pole
Mounting Height: 8'–16' (2.4m – 4.9m)
Pole Wall Thickness: 0.125" (3.2mm)
Top Diameter: 4" (102mm)
Butt Diameter: 4" (102mm)
Material: Aluminum
Max. Weight: 50 lbs. (minimum)

NOTE: It is recommended that you select a light pole without a tenon. If you use a light pole with a tenon, you can cut the pole below the fixture in order for the collar from the Solar Charging Kit to fit.

Installation Considerations

Proper placement that allows for full time direct sunlight is required to achieve optimum performance.

Useful facts in determining location to install light pole and Solar Charging kit include:

- Solar panel should be facing true south
- Solar panel should have a clear view of the sun with nothing blocking
- Clear view of the sun needs to hold true all times of the year, including summer and winter
- Avoid shading—even minor partial shading reduces yield. Sunlight should be able to reach the module even on the shortest day of the year. Shading can affect module service life.
- Avoid shadowing – Shadows from buildings and other tall landmarks will reduce yield.
- Solar panel should be mounted on pole with correct EPA rating for its location.

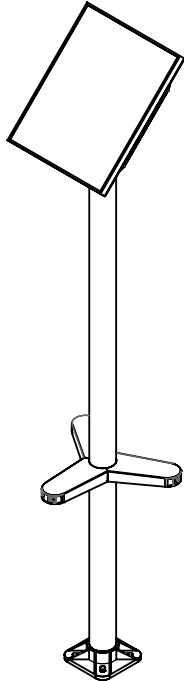


Solar Charging Kit Ordering Information

Catalog No./Item

Description/Specifications

XSOLARCS



Solar Charging Kit –

Provides charging for up to 6 mobile devices. Each shelf contains two USB ports with 3.1A shared power. LED indicator lights for nighttime charging. Mounts to any 4" round light pole (light pole not included). No trenching needed to provide convenience charging.

Includes:

- Solar assembly with battery
- Three shelves with USB modules
- Mounting collar for shelves
- Wiring harness

Country of Origin: China

NOTE: Standard kit is designed to be used with light poles up to 12' in height. Use XSOLARWIREKIT to extend assembly for use with poles 13' to 18' in height.

Technical Specifications:

- 50W Monocrystalline Solar Panel
- 12Ah Lithium Ion Phosphate Battery
- Maximum Power Point Tracking Solar Charge Controller with Low Voltage Disconnect
- Inline 6.3A Fast Acting Fuse
- Recommended operating temperature for charging devices: 0 - 40°C (32 - 104°F)

NOTE: Solar Charging Kit does not include pole.

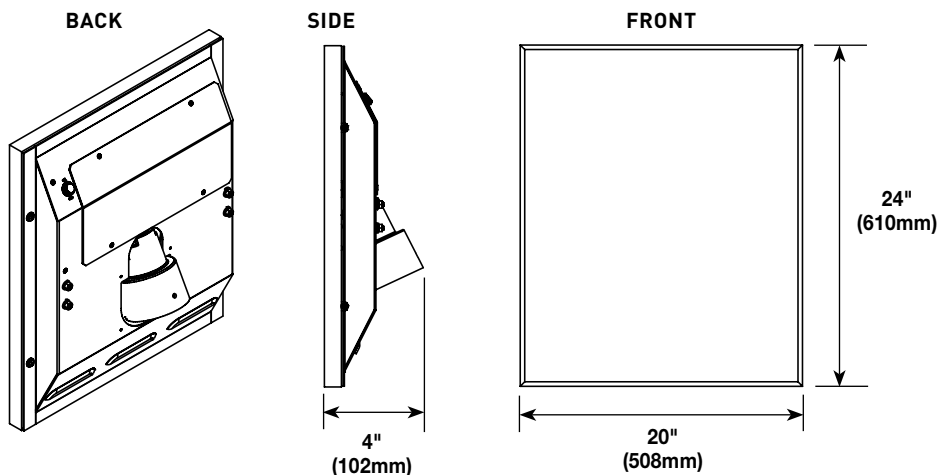
XSOLARMOUNTKIT

Replacement Solar Assembly Kit (Battery not included) –

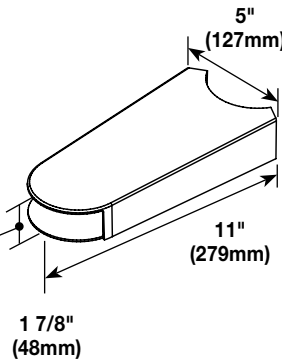
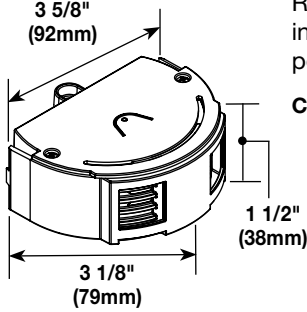
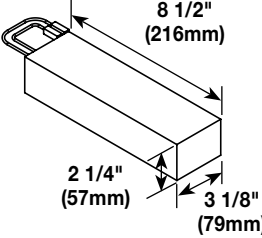
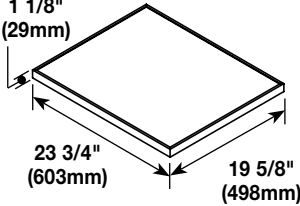
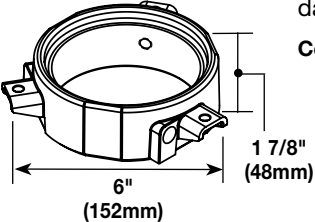
Replacement assembly comes complete with solar panel, pole mount and solar panel housing should original unit need to be replaced due to damage.

NOTE: Battery is not included.

Country of Origin: China



Solar Charging Kit Accessories Ordering Information

Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications
XSOLARARM 	Replacement Shelf Kit – Replacement shelf in case original shelf becomes damaged. Country of Origin: China NOTE: USB module is not included.	XSOLARUSBKIT 	Replacement USB Kit – Replacement USB kit for use in shelf unit. Includes two USB ports and LED indicator lights. Country of Origin: China
XSOLARCSBAT 	Replacement Battery Kit – Replacement Lithium Ion battery for when original battery reaches end of life. (Battery Life Expectancy – 3 years) Country of Origin: China	XSOLARPANEL 	Replacement Solar Panel – Replacement solar panel to be installed into solar assembly unit should original become damaged. Country of Origin: China
XSOLARCOLKIT 	Replacement Collar Kit – Replacement collar for attaching shelves in case original unit is damaged. Country of Origin: China	XSOLARWIREKIT	Wire Extender Kit – Kit extends wiring for use in poles of 13' to 18' in height. Standard wiring is designed for use in poles up to 12' in height. Country of Origin: China

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