

Cable Management for Solar



Commercial and Utility Grade Solar, Battery and EV Installations





ABOUT US

Snake Tray is a leading manufacturer of cable management solutions for commercial and utility grade solar, battery storage facilities and EV charging installations. Our cable management products are designed with features to substantially lower the total cost of construction. Our team works closely with the design engineers, contractors and owners to provide the most cost-effective solutions for solar installations. We stand ready to assist you with take offs, bill of materials and product solutions. Call us on 631-674-0004 to discuss your next project.

Made in USA

Customer List

The following companies and organizations are just a few who have made a commitment to superior cable management with Snake Tray products.



Snake Tray® is Green and Proudly Powered by the Sun!

We are proud to be the first in our industry to manufacture utilizing solar power from our own roof top solar array. We have streamlined our manufacturing methods and have adopted greener practices including reducing waste, saving energy and utilizing resources wisely. We stand ready to help building owners, architects and design engineers reach their sustainable building goals.

Snake Tray is committed to manufacturing products that minimizes the impact on the environment.

- Made of 100% recycled steel
- Products designed to create no material waste
- Compact shipping and packaging
- USA made with distribution centers throughout the USA
- Reusable and 100% reclaimable products



A.G. Edwards
ABC
Active Solar
Aer Lingus
Amazon
American Airlines
Amica Insurance
AT&T
Barclays Bank
Bank of America
Big Shine Solar Energy
BlackRock
Bloomberg
Boeing
BP
Bright Future Solar Energy
Buffalo Solar
Catalyze
Catamount Solar
Caterpillar
CIA
CitiBank
Cherry Street Energy
Clēnera
Coca Cola
Columbia Gas
Columbia University
ConEdison
Cornell University
CS Energy
CS First Boston
CVS
CyrusOne
DC BLOX
Department of Homeland Security
Deutsche Bank
DirecTV
Disney
Duquesne Light Company
Ebay.com
Ecovis Inc.
EDF Renewables
EDS
Edward Jones
EMC Insurance
Enable Energy
Enterprise Rent-A-Car
Envinity
ESPN
Exxon
FAA
First Solar
FBI
Federal Reserve Bank
Ford Motor Company
General Dynamics
Google
Got Electric LLC
Greentech Renewables
Hannah Solar Government Services
Harvard University
Harvest Power

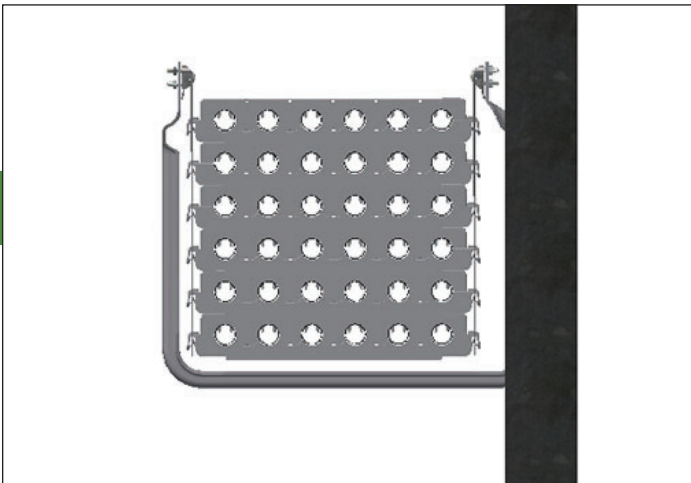
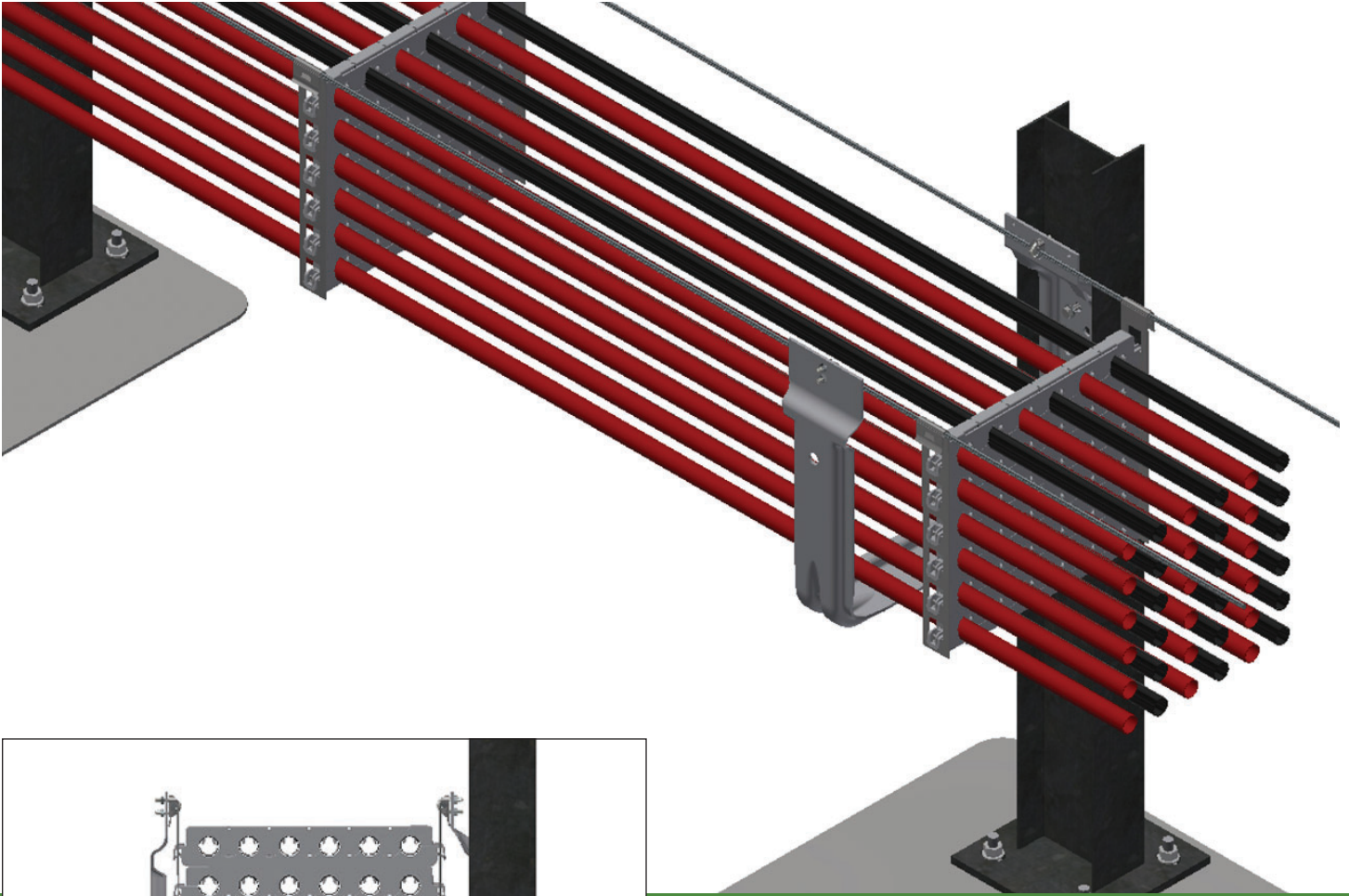
Helix Electric
Herzog
Honda
HSI Solar
IBM
Independent Energy
Inman Solar
Intel Corp
Kern Solar Structures
Key Bank
Keyes European Solar
King Solar
Jane Street Capital
Johns Hopkins University
J.P. Morgan Chase
Jurchen Technology
K-Mart
Lever Brothers
Lodgestone Energy
Lion Electric
Lucas Museum of Narrative Art
MasterCard
McDonalds Corporation
McGraw Hill
Merck
Merrill Lynch
MetLife
Monarch Electric
Montefiore Medical Center
Motorola
MYR Energy Services
NASA
National Library of Medicine
NBC
Netflix
New York Stock Exchange
Northrop Grumman
NY City Fire Department
Ocean Solar
Orbital Solar Services
O'Hare Intl. Airport
Paradise Energy Solutions
PAYCHEX
PEG Systems
PepsiCo
Pfizer
Pharmacia & Upjohn
Philip Morris
Picktricity
Pivot Energy
PPC Solar
Progeneration Energy
Progressive
PSE&G
Puget Sound Naval Shipyard
Quest Diagnostics
Raytheon
RENU Energy Solutions
ReVision Energy
Rosendin
SAIC
Siemens

Sky Fire Energy
Solar Speed Rack
Solscient Energy
Southwestern Bell
Speir Innovations
Sprint
Spreck Energy
Standard Solar
Staples
State of North Carolina
State of Tennessee
Strata Solar
Summit Solar
Sun Power
Sunation Solar
Sun Tribe
TAF Solar



Target
The Gap
The Kennedy Center
3M
TIAA
Toronto Transit
Tosco Refining Company
Travelocity
Union Pacific
United Health Group
United Nations
United Renewable Energy
University of Maryland Children's Hospital
UPS
US Air Force
US Army
US Corps of Engineers
US Coast Guard
US Department of State
US Department of Transportation
US House of Representatives
US Marines
Vanderbilt University
Vanguard Solar
Verizon
Walmart
Wells Fargo
Werner Electric
World Trade Center
WTEC Energy
Yale University

Solar Snake Max XL™ - Messenger Wire System



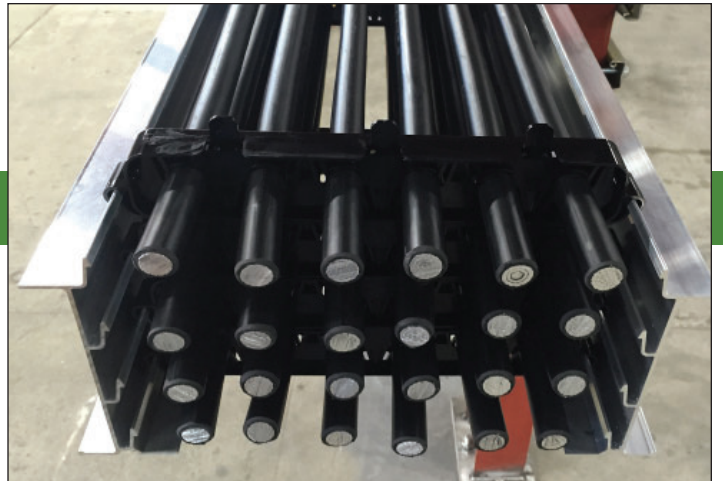
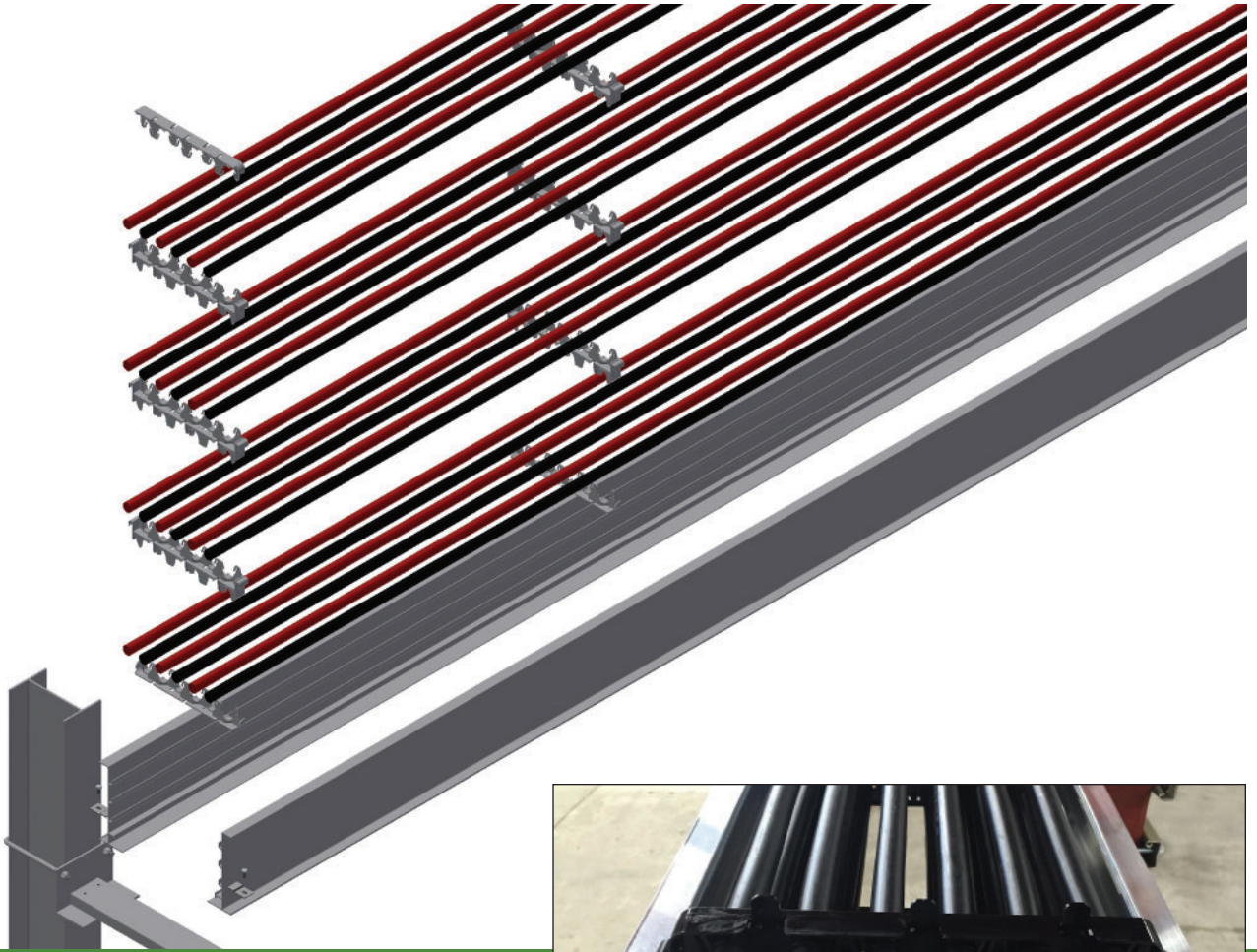
Solar Snake Max XL™

Solar Snake Max XL is the revolutionary solar cable management system that manages cables ranging from 350 Kcmil up to 1250 Kcmil from the module to the interconnection area. This trenchless solution installs as fast as 22,000 feet in a day offering a safer, less labor-intensive solution. The open-air design maintains NEC 310.15 code compliant cable separation which allows the cables to operate more efficiently to yield up to 30-watt hours per meter more energy far surpassing that of bundled or trenched cables. The above ground design also allows for easy installation, operation and maintenance.

Messenger Wire System Benefits:

- Maintains NEC 310.15 code compliant cable separation which can yield up to 30-watt hours per meter more energy than bundled or trenched cables
- No trenching for safe installation, operation and maintenance
- No derating of cable required with open air design
- Easy snap together components require no field fabrication
- Accommodates cables ranging from 350 Kcmil up to 1250 Kcmil
- Mounts to any style of vertical pilings or poles
- Install in any elevation or terrain
- Insulation-Piercing Connector (IPC) compatible

Solar Snake Max XL™ - Hard Rail System

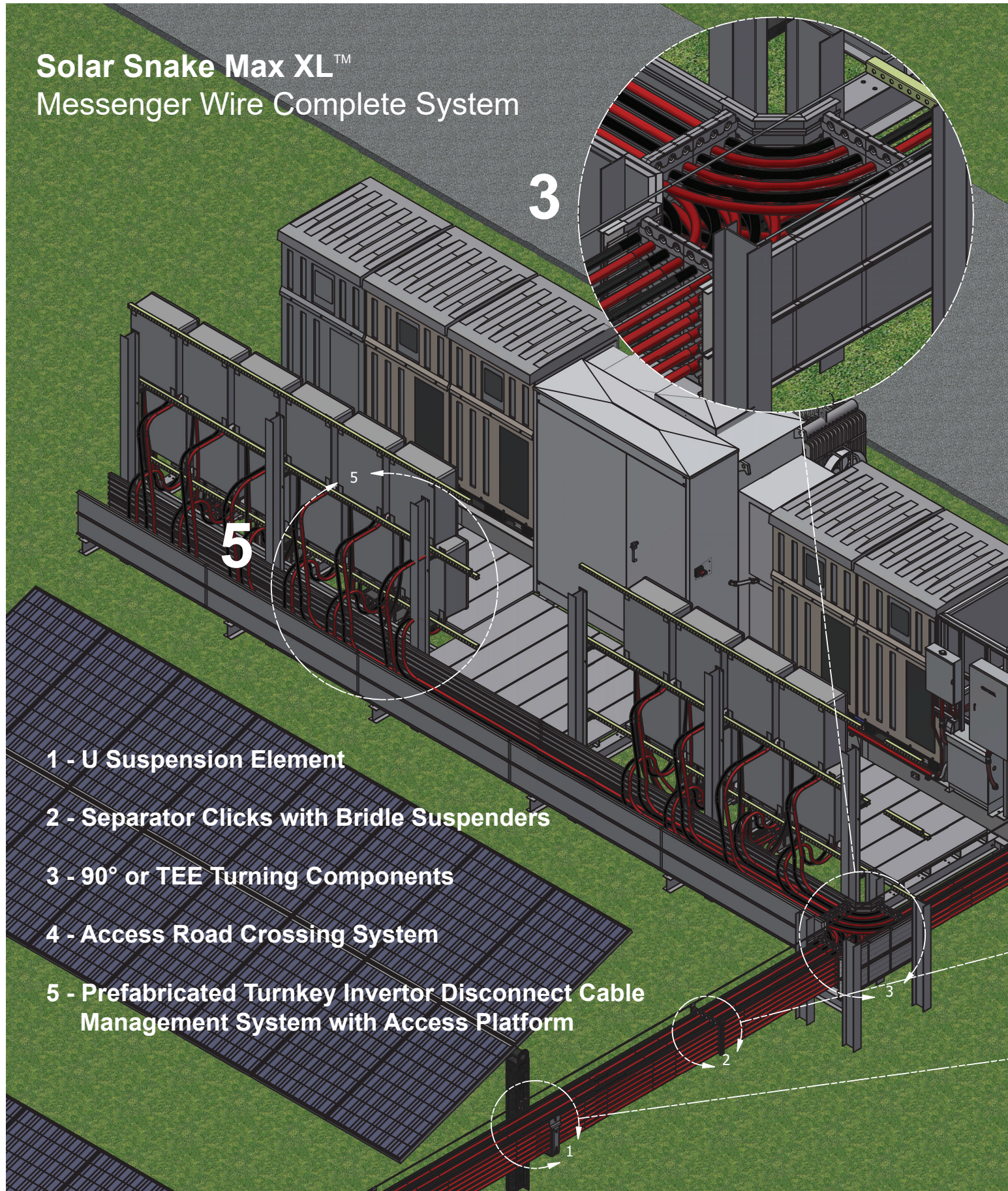


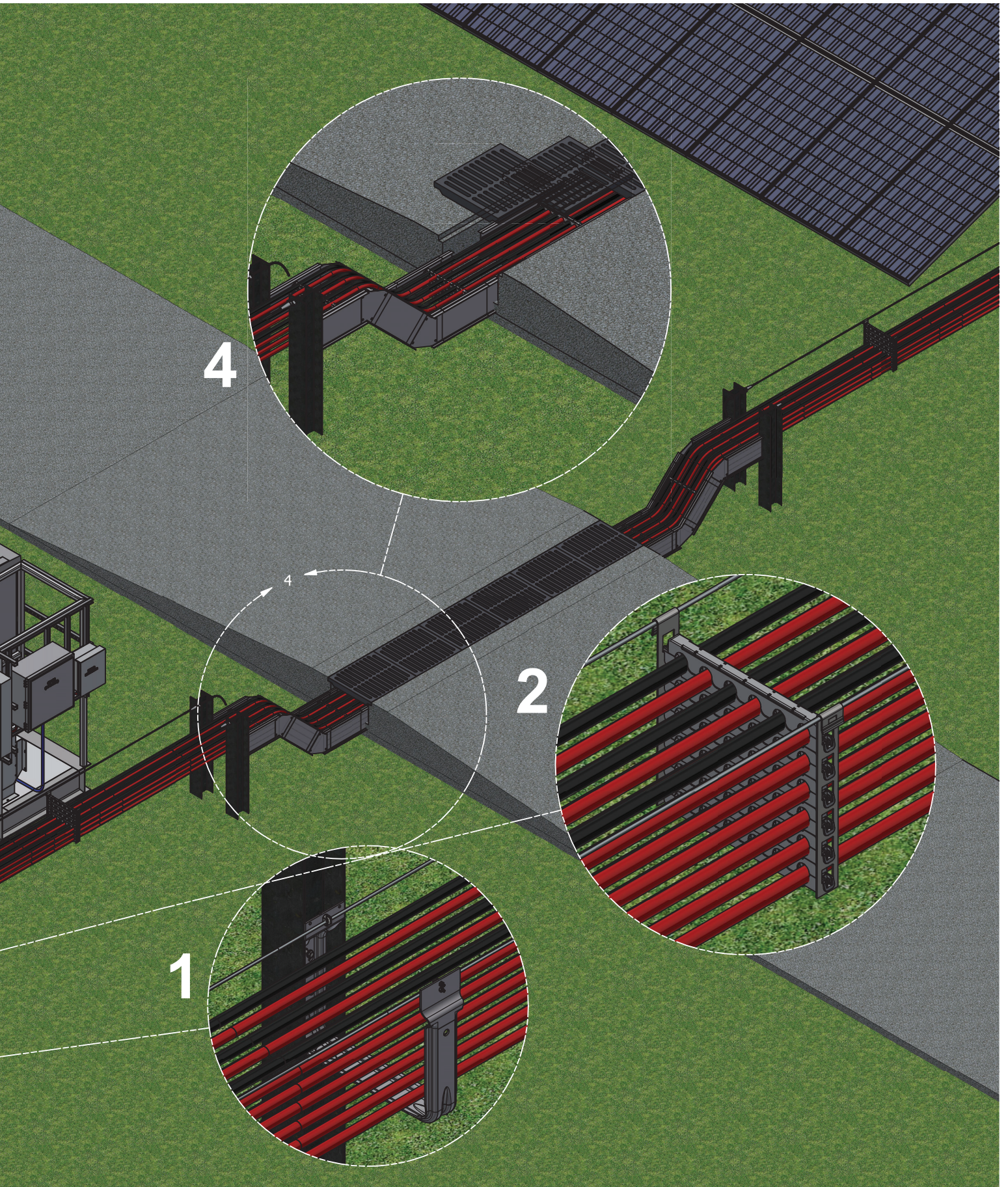
Hard Rail System Benefits:

- Maintains NEC 310.15 code compliant cable separation which can yield up to 30-watt hours per meter more energy than bundled or trenched cables
- No trenching for safe installation, operation and maintenance
- No derating of cable required with open air design
- Easy snap together components require no field fabrication
- Accommodates cables ranging from 350 Kcmil up to 1250 Kcmil
- Mounts to any style of vertical pilings or poles
- Install in any elevation or terrain
- Insulation-Piercing Connector (IPC) compatible

Using the same Solar Snake Max Clicks from the messenger wire system the cables are fixed in a structural containment allowing the free air routing in and around the inverter pad, as well as a complete routing system for battery farms.

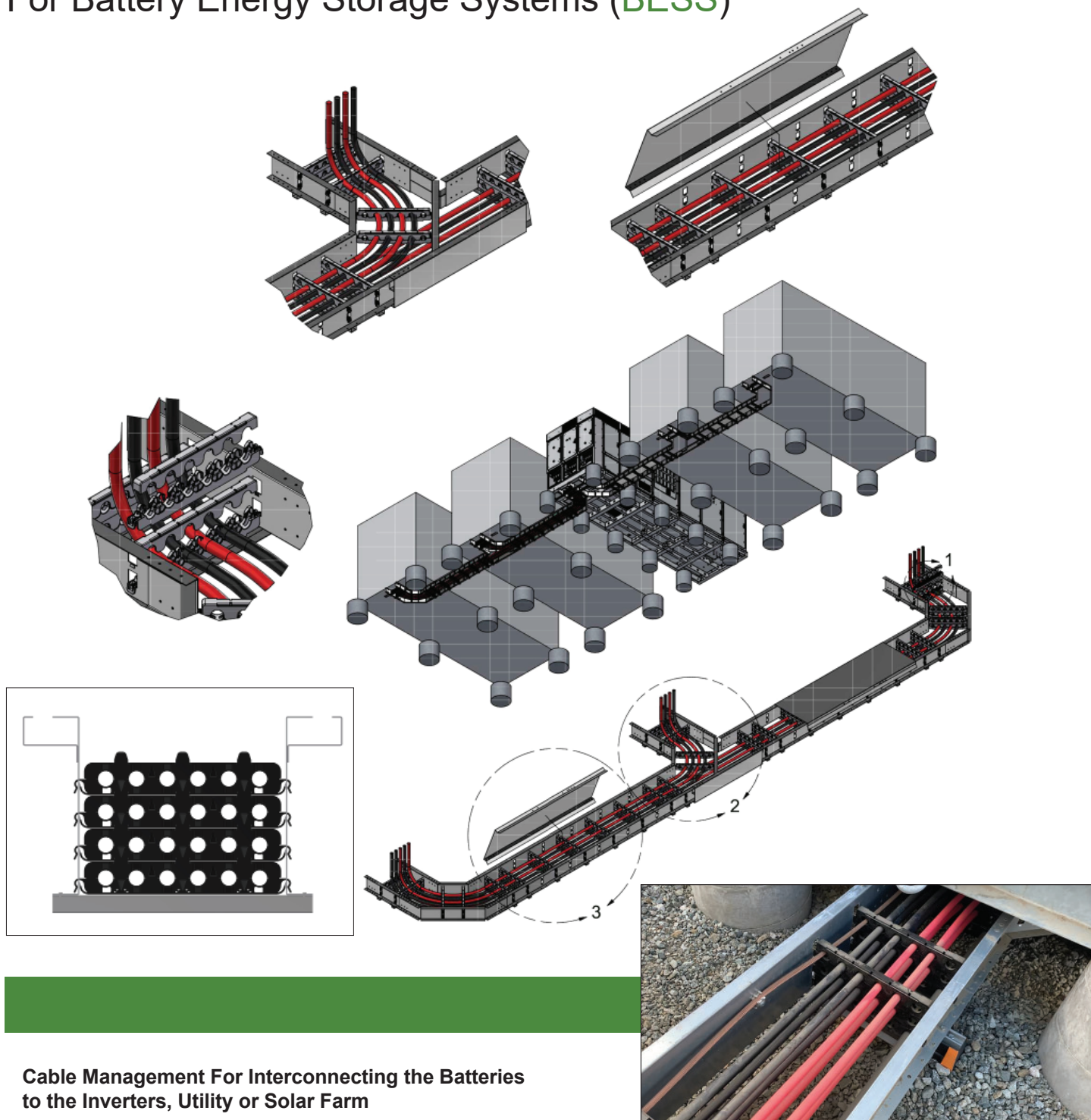
Solar Snake Max XL™ Messenger Wire Complete System





Solar Snake Max XL™

For Battery Energy Storage Systems (BESS)



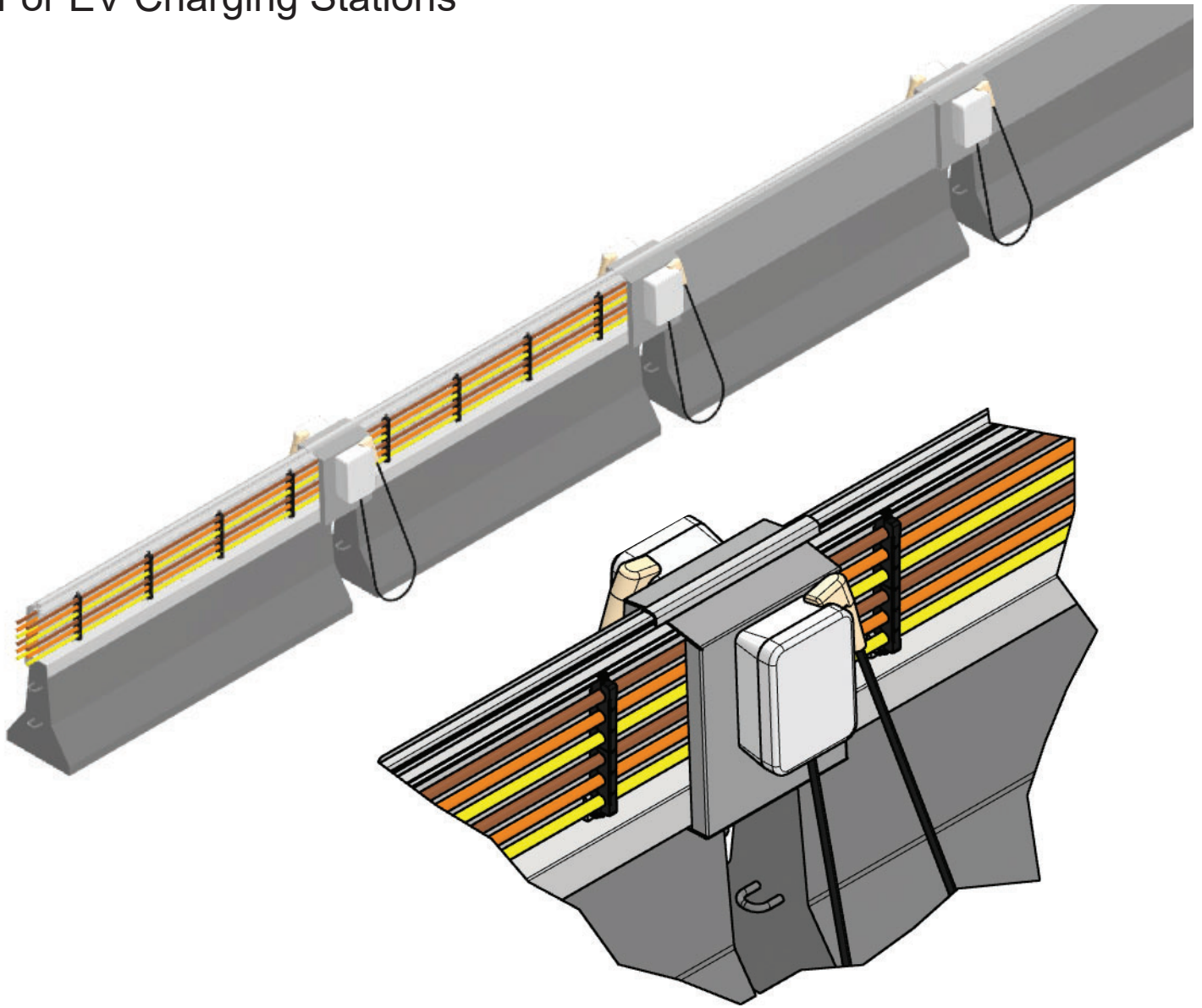
Cable Management For Interconnecting the Batteries to the Inverters, Utility or Solar Farm

Benefits

- Open air design means no trenching, substantially lowering the cost of labor and materials
- NEC 310.15 code compliant cable separation requires no derating of the cables, allowing cables to operate more efficiently
- Snap together components require no tools
- Accommodates cables ranging from 350 Kcmil up to 1250 Kcmil
- Compatible with any inverter style and battery storage system
- Hard rail system with wings has isolating cable paths for fiber optic and battery control cables
- Made in the USA

Solar Snake Max XL™

For EV Charging Stations



The versatile Solar Snake Max Clicks can be used to convey power cables at EV charging stations. The clicks maintain NEC 301.15 code compliant cable separation to allow the cables to operate more efficiently. No derating of cables required. Can manage cables ranging from 350 Kcmil up to 1250 Kcmil.

Benefits

- Maintains NEC 310.15 code compliant cable separation which allows cables to operate more efficiently
- No trenching for safe installation, operation and maintenance
- No derating of cable required with open air design
- Easy snap together components require no field fabrication
- Accommodates cables ranging from 350 Kcmil up to 1250 Kcmil

Solar Snake Tray®

For Rooftops, Ground Mounts and Car Park Installations



Cable Management for Solar Installations that Drastically Lowers Installation Costs!

The world's only weatherproof, hand bendable cable conveyance that quickly and securely carries DC circuitry from solar panels to their terminations. Change directions easily by bending Solar Snake Tray with your own two hands.

Benefits

- Hand bendable to go around any obstacle
- Built-in mounting rings for infinite mounting options
- Trays connect together with a single connector for a 15-second bonded attachment tray to tray
- Patented "lobster trap" design, ensures effortless outdoor cable installation, while securing and protecting the cables from hurricane force winds over 120 mph

Solar Mega Snake®

For Rooftops and Brownfield Sites

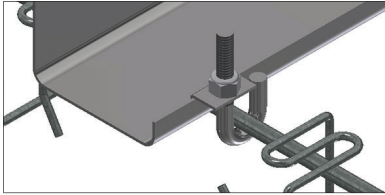


Pre-Fabricated Cable Management System

Benefits

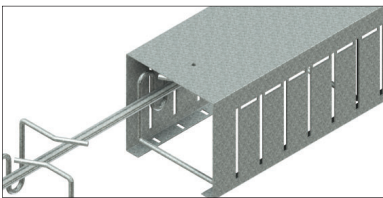
- Pre-fabricated straights, turns, Tees and crossings
- Built-in mounting rail for attaching accessories including combiner boxes
- Variety of mounting options to accommodate any type of roof or ground mount installation
- Nests together for economical shipping and easy material handling
- Available in Powder Coat or Stainless Steel for climate specific applications

Accessories



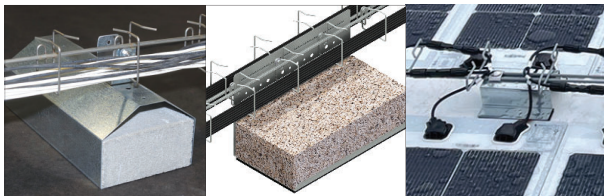
Snake Hook for Mounting to Any Type of Purlin

Hook specifically designed to mount our hand bendable Solar Snake Tray to any purlin style structure in seconds.



Solar Snake Covers

The 60" long cover gives cabling an added layer of protection. Constructed of galvanized sheet steel with air slots for ventilation.



Roof Standoff

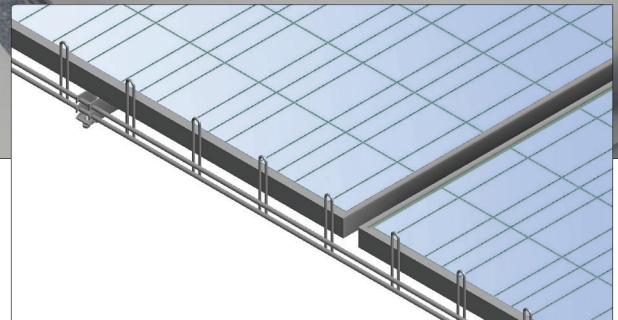
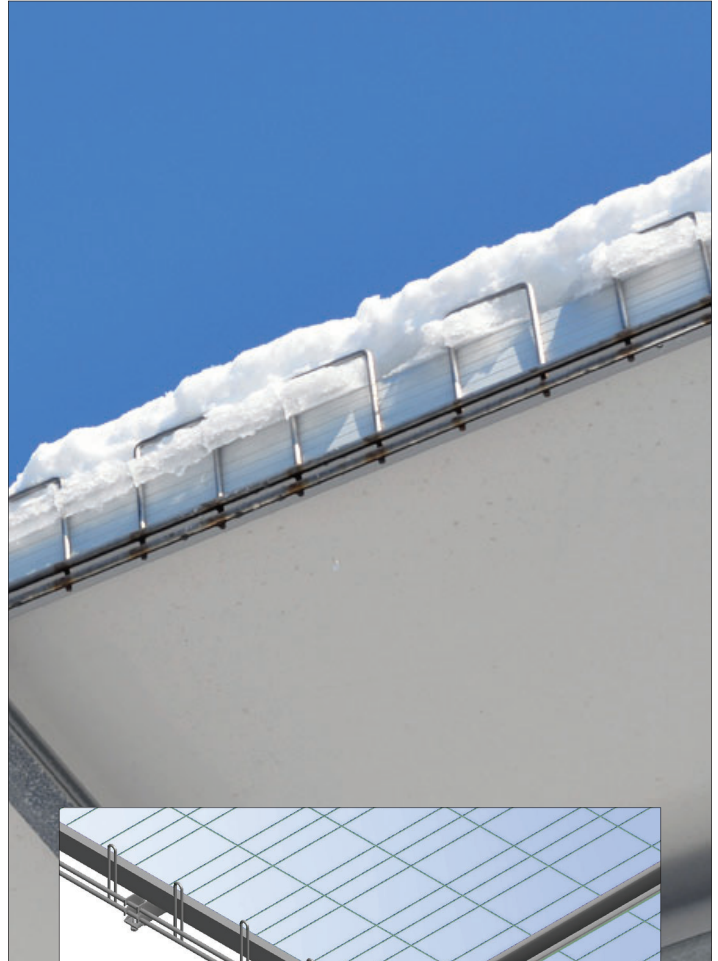
Common cement block ballasts used to support Solar Snake cable tray, carrying PV cables from solar arrays to combiner boxes and inverters. Available with a strut mount system and custom brackets to attach to most roof top ballasted component. Padding on base protects roof membranes.



Solar Snake Charmer Cable Manager

Keeps connectors and cables out of water and snow on rooftops. Snake Charmer snaps into place under the panel to carry connectors safely and securely at the rear of the panel. No tools required.

Solar Panel Ice Guard



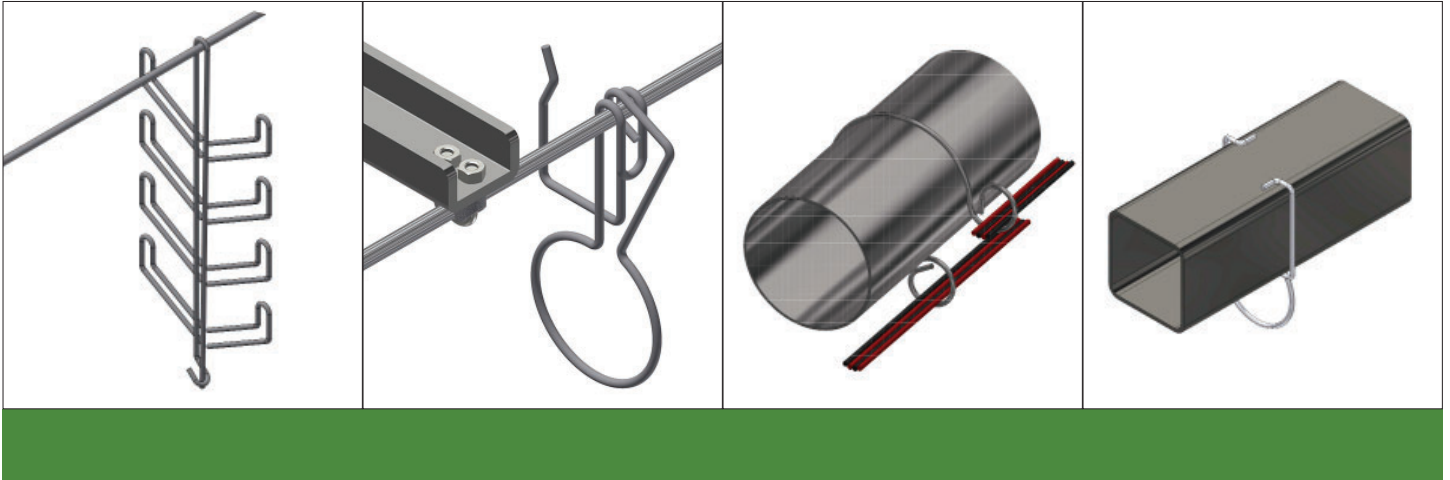
Snake Tray's Solar Panel Ice Guard helps to aid in the prevention of ice and snow from falling off the surface of the solar panels. The system easily mounts to the frame of any solar panel and is designed to hold back frozen material up to the top edge of the guard, helping to protect pedestrians and vehicles from the dangers of falling ice.

Benefits

- Universal mounting system
- Easy Installation
- Works with any flanged solar panel
- Ships from stock

Snake Tray® Feeder and String Cable Hangers

Our new portfolio of solar cable hangers provides durable, cost effective, and expeditious installations for managing cables under solar panels. Our new hangers will greatly simplify new project installations, repowering, system expansions, upgrades, O&M, and troubleshooting over the life of the project. No trenching of cables for minimal ground disturbance.



Snake-Loc Feeder and String Cable Hanger

Snake Tray's multi-tiered cable hanger for messenger wire has a capacity for up to a quantity of 16, 750 Kcmil cables per hanger. Easily installs to messenger wire and securely locks on the bottom. Ideal for larger scale projects, the hanger can be stacked to create a modular system to increase capacity. The side loading feature offers quick access to installing and maintaining cables for reduced labor costs. The large capacity loops will handle any size of cable bundle easily and effectively.

Snake-Loc String Cable Hanger

Quickly top load the PV cables directly into this light weight double pocket hanger with a squeeze lock feature that quickly attaches onto the messenger wire and stays in place. Significantly reduces time and labor by requiring no tools.

Torque Tube Hanger

Tube hangers designed with innovative features that provide a dual round section to manage cable as trackers move daily up to 67 degrees following the sun from east to west. Our hangers can be custom designed to fit any style of fixed tilt or tracker for a secure fit over any style torque tube or fixed tilt structure.

4" Solar Cable Hanger

Quick snap on torque tube hanger with single pocket for managing cables. Available in Powder Coat and Stainless Steel.

Solar Snake Max XL™ For Water Installations

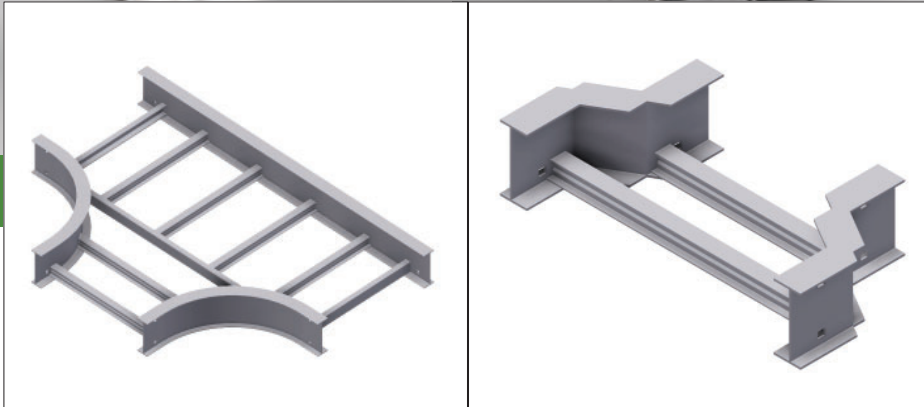


This cable manager has been specially designed to manage cables in water environments with stainless steel rails and snap together Solar Snake Max clicks to maintain NEC 310.15 code compliant cable separation.

Benefits

- Mounts to floating solar arrays
- Accommodates cables ranging from 350 Kcmil up to 1250 Kcmil
- Maintains NEC 310.15 code compliant cable separation to allow cables to operate more efficiently
- All components are constructed of high-quality corrosion resistance materials

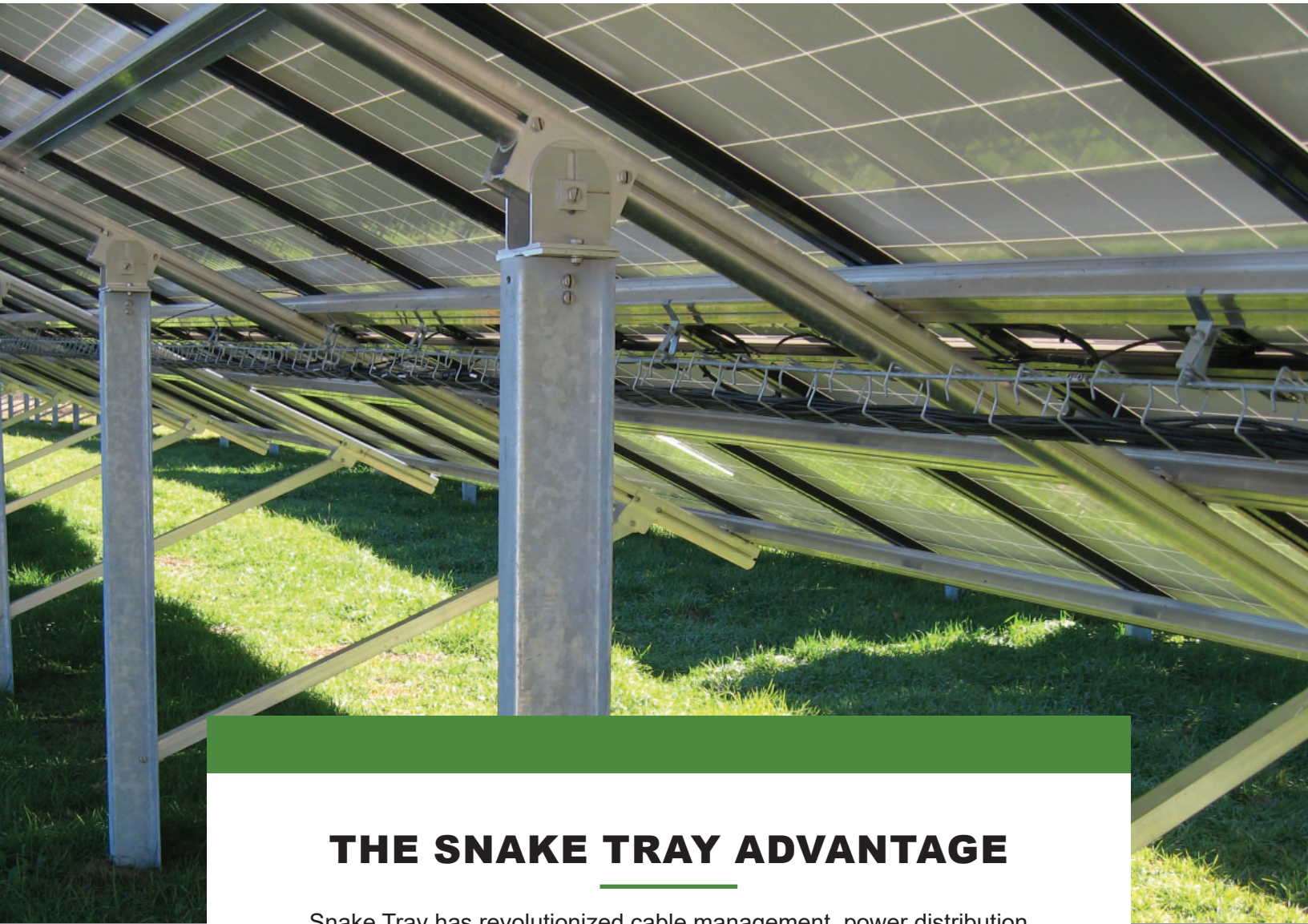
Aluminum Cable Tray®



Snake Tray Aluminum Cable Tray is lightweight for easier installation while offering a high loading capacity to manage large cable runs. Components are easy to attach with our quick connection system.

Benefits

- Lightweight aluminum
- High loading capacity to handle large cable runs
- Easy connection system



THE SNAKE TRAY ADVANTAGE

Snake Tray has revolutionized cable management, power distribution and enclosures with a variety of innovative products designed to install quickly, reduce labor and material costs which will significantly drive down the total cost of construction. All of our products are made in the USA and stocked throughout the USA to ship on time for our customers. Our engineers and sales team stand ready to assist you with take offs, bill of materials and product solutions.

Call us at 800-308-6788 to discuss your next project.



Snake Tray®
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T: 800-308-6788 | 631-674-0004
www.snaketray.com | MADE IN USA

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Snake Tray® products are covered by one or more of the following patents: #5839702, #5953870, #6019323, #6347493, #6361000, #6449912, #6460812, #6463704, #6637165, #6637704, #6926236, #7168212, #7959019, #8622679, #8783628, #8985530, #8985530 B2, #9074707, #10225947, #10225947 B2, #10666029, #10666029 B2, #10944355 B2, #11271519 B2, #20180313469 A1, #20180317336 A1, #20190229507, #2020030461, #20200403390, #20210126445 A1, #20210194419 A1, #20210336430 A1, #20220112969, #20220221174. Foreign Patents: Australia #737813, #748160, #749488, #776643, #776644. Canada #2251732, #2319624, #2303081, #2396792. Japan #3723224. Mexico #204995, #229386, #220889. Europe #1012938, #1012937. Other Patents Pending.