

# **POWER-STRUT® Solar Installation Products**

# **Application Showcase**



- **Integral Family of Products**
- **Fast Installation**
- **Nationwide Customer Service**
- **Material & Labor Savings**



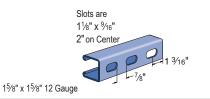
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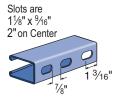
### PS 200 H Channel



#### PS 200 EH Channe

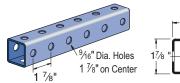


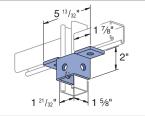
#### **PS 100 EH Channe**



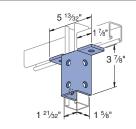
15/8" x 31/2" 12 Gauge

#### **PS 9200 Tube**





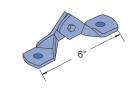
### **PS 821 Wing Shape Fitting**



### PS 9209 Gravity Pin



### PS 9402 Adj. Hinge Connection

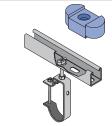






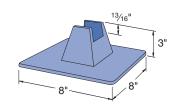
3/8"

## PS ML Missing Link Fastener



| Size | Threads |
|------|---------|
| 1/2" | 13      |
| 5/8" | 11      |
| 3/4" | 10      |

#### **Power Pier**



The Power Pier Rooftop support system provides a simple and versatile way to support and manage pipe, tubing, conduit, HVAC systems, and the like. The Power Pier system supports without roof surface penetration and allows the parts to remain off the surface

#### PS 83 Hex Nut



| Size |
|------|
| 1/4" |
| 3/8" |
| 1/2" |
| 5/8" |
| 3/4" |
|      |

#### PS 6024 Hex Head Screw



|   | Size  |
|---|---|
|   | 1/4 x 3/4"  |
|   | <sup>1</sup> /4 x 1"  |
|   | <sup>1</sup> / <sub>4</sub> x 1 <sup>1</sup> / <sub>4</sub> " |
|   | 1/4 x 1 1/2"  |
|   | 3/8 x 3/4"  |
|   | <sup>3</sup> /8 x 1"  |
|   | 3/8 x 1 1/4"  |
|   | 3/8 x 1 1/2"  |
|   | 3/8 x 2"  |
|   | 1/2 x 3/4"  |
|   | <sup>1</sup> /2 x 1"  |
|   | <sup>1</sup> / <sub>2</sub> x 1 <sup>1</sup> / <sub>4</sub> " |
|   | <sup>1</sup> /2 x 1 <sup>1</sup> /2"                          |
|   | <sup>1</sup> /2 x 1 <sup>3</sup> /4"                          |
|   | <sup>1</sup> /2 x 2"  |
| _ | ·   |

## PS 209 Flat Washer



| Size |
|------|
| 1/4" |
| 3/8" |
| 1/2" |

#### **PS NS Channel Nut**



| Size   | Threads |
|--------|---------|
| #8-32  | 32*     |
| #10-32 |         |
| #10-24 | 24*     |
| 1/4"   | 20*     |
| 5/16"  | 18*     |
| 3/8"   | 16*     |
| 1/2"   | 13      |
|        |         |

PS 100. PS 150. PS 200. PS 210 and PS 300 channel. \*Can be used with:

Fax 708-339-0615

PS 400, PS 500, PS 520 and PS 560 channel.

• POWER\_STRUT® 16100 S. Lathrop Avenue, Harvey, IL 60426 Tel. 708-339-0610 800-882-5543

#### **Electrical & Support Division**

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• **Power-Strut® & Unistrut® Metal & Fiberglass Framing •** Allied Tube & Conduit® • AFC Cable Systems® • Cope™ Cable Tray

# **POWER-STRUT® Solar Installation Products**

POWER-STRUT

Steel Adjustable Framing Products & Accessories for Solar Installations



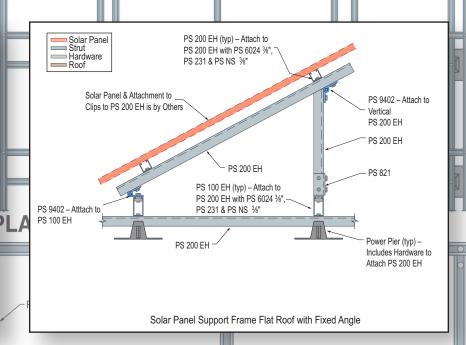
PS 200 EH (typ)-Solar Panel & Attachment to Clips to PS 200 EH is by Others Roof Sheathing - Shingles Not Shown for Clarity Roof Rafter or Top Chord of Roof Truss PS 209 3/8"

Solar Panel Support Frame Residential Roof, Parallell to Roof Slope

-PS 200 EH (typ)

-PS 100 EH (typ)

DETAIL #1



PS 200 EH (typ) - Attach to PS 200 EH with PS 6024 3/8" PS 9402 - Attach to PS 231 & PS NS 3/8" PS 200 FH Solar Panel & Attachment PS 821 - Use PS 6024 ½ to Clips to PS 200 EH is & PS NS 1/2" PS 200 EH by Others Detail #1 PS 200 EH Roof Sheathing -Shinales -Not Shown for PS 200 EH Clarity -PS 83 3/8" PS 209 3/8"-Roof Rafter or Top Chord of Roof Truss Solar Panel Support Frame Residential Shingle, Angled From Roof Slope

Solar Pane
Strut

#### PS 200 EH (typ) - Attach to PS 200 EH with PS 6024 3/8" PS 9402 - Attach to PS 200 H PS 231 & PS NS 3/8" with PS 6024 1/2" & PS NS & Thru the Half-Slot in the PS 200 FH with PS 6024 3/8" PS 231 & Solar Panel & Attachment to Clips to PS 200 EH is by Others PS 9209 Gravity Pin PS 9402 - Attach to PS 100 EH with PS 6024 1/2" PS 100 EH (typ) - Attach to & PS NS & to PS 6024 PS 200 EH with PS 6024 3/8". 1/3" with PS 83 1/3" PS 231 & PS NS 3/8" Atttach to PS 100 EH Power Pier (typ) – Includes Hardware to Attach PS 200 EH Solar Panel Support Frame Flat Roof with Variable Angle

# Channels, Fittings, & Accessories **Electrical Raceway Components**

**Concrete Inserts** Cush-A-Clamps®

Power-Angles<sup>™</sup> Fiberglass Channel & Accessories

# The Power to Build!

The present line of Power-Strut continuous slot metal framing is the result of over one half century of experience in metal framing.

This complete line includes channels, fittings and accessories for any framing or support solution... large or small, heavy or light.

Power-Strut is proud of the exacting standards of research, design, engineering and manufacturing that go into production of the Power-Strut system.

# Please visit us at www.alliedeg.com

To see our complete product offering.

# **Allied Tube & Conduit Electrical Products**

We supply a full line of steel electrical metallic tubing, intermediate metal conduit and hot dipped galvanized rigid conduit; aluminum rigid conduit; and PVC conduit to help you with the widest variety of conduit applications.

# **Power-Strut can handle your solar needs:**

- Metal Framing Systems
  - RoofTop Supports •
  - RoofWalk Rooftop •
  - Telescopic Tubing •

## **Telescopic Tubing**

The new PS 9000 telescoping tubing is a perfect complement to the Power-Strut Framing Systems. It's the only telescoping system that offers both infinite and incremental adjustability.