

SYCOR
TECHNOLOGY INC



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Solar Energy
Advance Wire and Cable

INDUSTRY



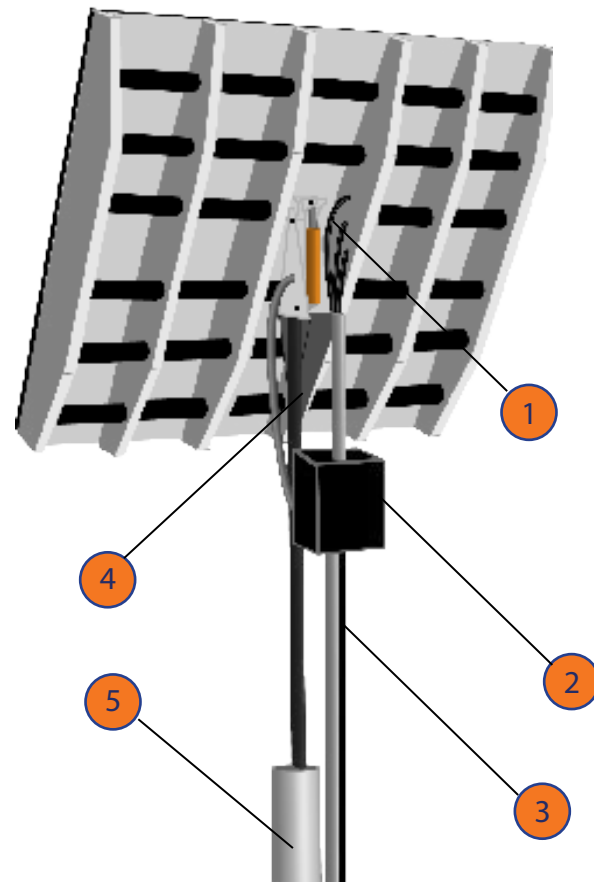
Although solar energy applications have been around for decades, the demand for quality components needed to enhance power capture efficiency continues apace. The wire and cable selected plays an important role in terms of power transfer, signalling and communication between different parts of your system.

Sycor Technology can help harness the power of the sun by offering solutions for full-spectrum power transfer and communication performance. We engineer quality cable solutions impervious to harsh elements leading to the wire degradation, and thus, higher solar cell efficiency over time. We also offer bundled cable solutions & wire harnesses to save you procurement time and money.

Since 1981, Sycor has been providing engineered wiring solutions in an assortment of advanced technological products & designs. In conjunction with our world-renowned partners, our products are featured in well-known international space modules, communication satellites, industrial robotics, defense systems, and solar projects spanning the globe. We have the experience to accommodate any engineering design – simply send us your requirements and we'll do the rest.

Let us work for you, and discover how our prompt service, product quality and experience set up apart.

Solar Energy Applications



- 1 Panel Hookups**
 - Power Lead Wire
 - Wire Management Products
- 2 Junction Box**
 - Control and Motor Supply Cable
 - Power Lead Wire
 - Wire Management Products
- 3 Inverter System**
 - Instrumentation and Data Cable
 - Power Lead Wire
 - Fiber Optics
 - Wire Management Products
- 4 Control and Monitoring System**
 - Control and Motor Supply Cable
 - Instrumentation and Data Cable
 - Fiber Optics
 - Wire Management Products
- 5 Grounding System**
 - Bare Copper
 - Wire Management Products

PRODUCTS



Power Lead Wire

Solar (PV) Wire UL 4703

600V & 2000V, -40C to 90C
XLPE and/or EPR Insulation / PVC and/or CPE Jacket
Approvals: USE-2, RHH/RHH-2, EPA, VW-1

Solar (PV) Wire UL 4703- EU

1000V, 90C
LSZH Insulation, Halogen-free
Approvals: TÜV 2PFG 1169, VW-1

H05Z-K & H07Z-K Lead Wire

750V, 90C
XLPO Insulation, Halogen-free
Approvals: <HAR>, VDE, CE

SGT & SGX Battery Cable

-40C to 105C & -40C to 125C
PVC & XLPE Insulation
Approvals: SAE J-1127

Diesel Locomotive Cable (DLO)

2000V, 90C
EPR Insulation / CSPE Jacket
Approvals: RHH/RHW, R90, VW-1, FT1

XHHW

600V, 90C
XLPE Insulation
Approvals: UL XHHW-2, VW-1

Motor Supply & Control Cable

Flexible Tray Cable

600V, 90C
Multi-conductors fit to spec
Approvals: TC-ER, FT4, EPA, VW-1

SJOOW & SOOW Power Cable

300V & 600V, -50C to 105C,
EPDM Insulation / CPE Jacket
Approvals: FT1, FT2

H07RH-F Heavy Duty Power Cable

450/750V, -25C to 60C
Rubber insulation, Neoprene Jacket
Shielded and flexible construction

Instrumentation & Data Cable

Power Limited Tray Cable

300V, 105C
Shielded and flexible construction
Approvals: EPA, FT4

Solar Build Components

- Cable Ties
- Termination Connectors
- Cable Harnesses
- Insulated Fork Terminals
- Edge Clips
- Heat Shrink Tubing
- Heat Shrink Boots & Joints
- Liquid Tight Fittings & Tubing
- Expandable Braided Sleeving
- Cable Identification and more....



CONTACTS



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