



For immediate release

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USA SOLAR CABLE LEADS THE WAY WITH INDUSTRY'S FIRST DIRECT BURIAL PV WIRE

Approved for use with transformerless inverter systems

USA Wire & Cable has introduced the industry's first PV Wire to carry the Direct Burial designation under the UL 4703 revision of 11/17/09. The cable offers *superior protection* from sun, ozone, heat and abrasion. The cable utilizes EPR insulation and a separate protective jacket which is the preferred solution for transformerless inverter systems.

Later this year it is anticipated that transformerless inverters will begin making an impact in the US Solar market as the industry continues its drive towards efficiency increases and construction cost reductions.

"Our goal with USA SOLAR CABLE is to always provide industry leading solutions, providing products which adhere to the most recent and stringent code and UL requirements. As UL recommendations for PV Wire evolve, we will provide the cable and connector solutions that meet and anticipate the needs of the US Solar industry." – VP of Sales, Hugh Robertson. "We are seeing projects requiring higher voltage ratings, greater concern for quality and durability and stricter adherence to the 2008 NEC Code and UL standards. We are also beginning to feel some momentum growing for transformerless inverter systems as they begin to be introduced in the US market."

The cable is rated to 2KV with Ethylene Propylene Rubber (EPR) insulation combined with Chlorinated Polyethylene (CPE) jacket. This combination provides advantages over a single thicker layer of Cross-linked Polyethylene (XLP) including improved resistance to damage from sun, ozone, heat and abrasion. The 7 strand bare copper conductor is recommended as it provides better contact at the combiner box if built-in bulkhead connectors are not utilized. Additional ratings include: UL VW-1, RHH or RHW-2, UL 44, UL4703.

USA Wire & Cable, Inc. a privately owned company, who for 20 years has served industrial markets with a full line of wire and cable products. USA Wire & Cable is known as the premier provider of cable management services for power plants and large scale industrial construction. USA Wire & Cable represents American owned wire and cable manufacturers to provide the best American made cable solutions available. Warehouse and corporate offices are located in Austin, TX.

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