

# Photovoltaic Wire XLPE Insulation 600 V BC

ETL listed for guaranteed performance  
Made in the USA

## PV Wire - 600V BC

### Applications:

This document establishes the specifications for Photovoltaic Wire with XLPE insulation and rated for 600V per UL Standard 4703. For Photovoltaic applications.

### Construction Details:

Number of Conductors: 1/C  
 Conductor: Stranded Bare Copper  
 Insulation Material: XLPE  
 Nominal Insulation Thickness: See Table, Page 2  
 Nominal Insulation Diameter: See Table, Page 2  
 Color: Black or Red  
 Shield: Unshielded  
 Jacket: Integral Construction  
 Surface Print:  
 RENEWABLES™ by REMEE (UL CONTROL) \_\_\_\_ AWG  
 (\_\_\_\_ MM<sup>2</sup>) CU C(UL)US PV WIRE 600V 90°C DRY OR  
 WET (-40C) XLPE SUN RES DIRECT BURIAL OR  
 RHH/RHW-2 600V RoHS MADE IN USA + Sequential  
 Footage Marking

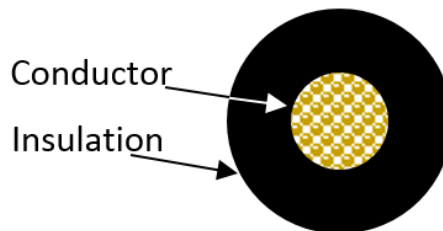
See Table on Page 2 for construction details by size

### Electricals:

Voltage Rating: 600 Volts  
 DC Resistance: See Table, Page 2

### Options:

Insulation Colors: White Insul. Stripes (Blk, Red, Wht)  
 Conductor: Stranding variations or Tinned copper



### Technical Details:

Temperature Rating  
 Operation -40°C to +90°C  
 90°C Wet or Dry

### Standards:

- National Electric Code (NFPA 70)
- UL 4703 - Photovoltaic Wire
- UL 44 - Thermoset Insulated Wires and Cables
- UL 854 - Service Entrance Cables
- UL 1581 - Standard for Electrical Wires, Cables
- CSA C.22 .2 No.271 Photovoltaic Cable

### Codes & Listings:

- (UL) listed
- C(ETL)US listed:
- PV Wire per UL 4703
- RHW-2 per UL 44
- RHH per UL 44

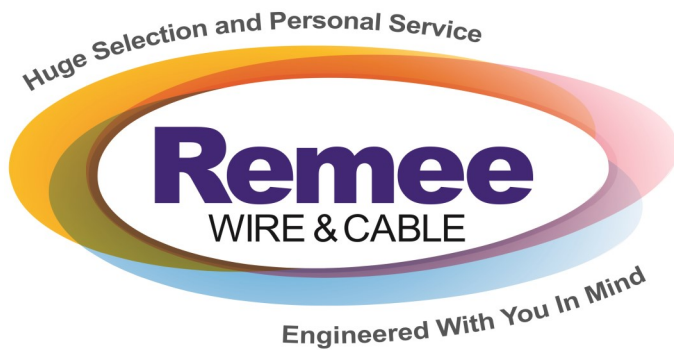


Issue Date: 09/23  
 Revision: 10

All warranty information can be viewed at [WWW.REMEE.COM](http://WWW.REMEE.COM).

This product is RoHS compliant to directive 2002/95/EC .

1751 State RTE. 17A STE #1 Florida, NY 10921  
 Customer Service: 800-431-3864 Fax: 845-651-4160 Website: [www.remee.com](http://www.remee.com)



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Part Number	AWG	MM <sup>2</sup>	Standard Stranding	Extra-Flexible Stranding	DCR (Ω / Mft)	Insul. Wall (In.)	Standard Overall Dia. (In.)	Extra-Flexible Dia. (In.)	Standard Weight Lbs/Mft	Extra-Flexible Weight Lbs/Mft
PV14YYBC6ULXXX	14	1.9	19 BC	41 BC	2.76	.060	0.191	0.200	22	24
PV12YYBC6ULXXX	12	3.1	19 BC	65 BC	1.74	.060	0.210	.216	31	32
PV10YYBC6ULXXX	10	4.9	19 BC	37 BC or 105 BC	1.09	.060	0.237	0.240	46	49
PV08YYBC6ULXXX	8	7.8	19 BC	49 BC or 133 BC	0.69	.075	0.292	0.316	75	81
PV06YYBC6ULXXX	6	13.3	19 BC	133 BC	0.43	.075	0.329	0.362	105	117

YY reserved for Number of Strands

XXX reserved for put-up and color designations

### Preparation for Shipment:

The cable shall be packaged to preclude the inducement of damage due to handling and transportation, and shall be in accordance with the best commercial practices available. Shipping containers shall be constructed as to eliminate any possible damage to the cables due to shipment.

**Note:** While Remeewire Products Corp. has made every reasonable effort to ensure the accuracy of the information in this document, Remeewire Products Corp. reserves the right to make any adjustments to the information contained herein at any time without notice. Remeewire Products Corp. expressly disclaims all implied warranties regarding the information contained herein, including but not limited to, any implied warranties of merchantability or fitness for particular purpose. The dimensions in this document are for reference purposes only and are subject to change without notice.

Your signature constitutes that you have read and agreed to this specification sheet and upon confirmation of your order; this item may be non-cancelable and non-returnable.

Signature: \_\_\_\_\_

Company: \_\_\_\_\_

Date: \_\_\_\_\_



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