

EVE, EVJE, TPE Insulated EV Charging Cable, 600V and 300V

Types EVE and EVJE are the thermoplastic elastomer versions of the UL 62 EV charging cable, and the letter J is the only structural difference between them: EVJE is the 300V type and EVE is the 600V type. Both use colour coded 105°C TPE insulation and a black 105°C TPE jacket over 18AWG to 6AWG fully annealed stranded copper, and both stay flexible from -50°C up to 105°C dry with a 60°C wet rating, passing the UL VW-1 vertical flame test. The TPE jacket is lighter than a PVC jacket at the same gauge, resists abrasion, oil and chemicals better, and can be bonded to the connector overmould, which is why it is the usual choice for commercial charging leads and outdoor installations.

Our EVE, EVJE Power Cable products are fully molded with a low profile ergonomic design and RoHS, REACH and PAHS compliant.

American UL EV Charging Cables

Specifications

Label	Value
Plug Cables Standard:	UL 62; UL 2263; CSA C22.2 No. 49
Number of Wires	3 power cores plus ground
Rated Voltage:	600V (EVE), 300V (EVJE)
Rated Temperature:	-50°C to +105°C, 60°C wet
Copper Conductor Material:	Oxygen free Copper (OFCU)
Outer Jacket Material:	PVC, Rubber, Halogen-Free, Textile braid
Blade Material:	Nickel coated Brass
Flamability Rating:	UL 94V-0
Color:	black is standard but any color available
Temperature Rating:	minus 40°C though plus 75°C
Approvals:	UL, cUL Certified List
Environmental Certifications:	RoHS, REACH, PAHS
Testing:	Hi-Pot (Dielectric Withstanding Voltage), Polarity (pinout) and Continuity
Packing:	Standard Export Carton

Our other certificated products



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