

Introducing the New 1,000 Volt EVE Cable by Philatron

Philatron Wire and Cable introduces the new 1000 Volt Rated EVE Cable.

SANTA FE SPRINGS, Calif. ([PRWEB](#)) January 08, 2018 -- Philatron Wire and Cable proudly introduces the new 1000 Volt Rated EVE Cable making this EVE cable the most efficient [EVE cable manufactured](#). “Electrical systems are most efficient when a higher voltage is used to reduce current,” says Phil Ramos Jr. CEO and Founder of Philatron Wire and Cable.

Phil Jr. explains here how higher voltage works:

$P = V * I$ (P is electricity power; V is voltage; I is electricity current)

$P = V * I$ substituting for V we get $P = I * R * I$, or $P = I^2 * R$

This equation explains that the power consumed by the wires increases if the resistance of the wires increases (for instance, if the wires get smaller or are made of a less conductive material). But it increases dramatically if the current going through the wires increases. So using a higher voltage to reduce the current can make electrical systems more efficient. The efficiency of electric current also improves at higher voltages.

Philatron is improving efficiency in the automotive industry. With over 40 years of innovation in electrical wire and cable products, Philatron is an ISO 9000 IATF 16949 Certified Quality Manufacturer. Offering bulk cables from 12 volts to 35,000 volts and EV Cable Assemblies with option of straight cable or coiled cable for improved cable management. Philatron EV cables are rated +105°C to -50°C, with Underwriters Laboratories: UL-62, and National Electric Code: Articles 400 & 625 Standard. The application of the EVE power cable is extra heavy duty, greater mechanical strength, lighter weight, temperature, abrasion, chemical, flame, water, and ozone resistant. Philatron manufactures a USA quality cable that you can trust.

About Philatron Wire and Cable

A leader in technology, creativity and innovation, Philatron Wire and Cable is a major wire and cable provider in the USA, manufacturing a full range of wire and cable products. As an industry leader in manufacturing, design, development, technology, and marketing, with over 40 years of service, Philatron values core competencies offering copper drawing, roping, cabling, extrusion, injection molding, coiling and assembly. Markets served: Aerospace, Auto/Heavy Duty Trucking, Electrical, Entertainment, Medical, Military, Mining, OEM, Oil & Gas, Transportation, and Utility/Power. Certified ISO 9000 IATF 16949 (Quality Program) & SDVOSB (Veteran Owned Business)

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