



# Electric Vehicle Charging Cables





# EV Charging Cables



ZEV charging cables are designed for the electric vehicles of today. They are made from premium quality materials to the highest standards (ISO9001/2015) and are manufactured and fully tested here in the UK.

Designed to reliably carry current from the power supply to an electric vehicle, and capable of delivering up to 32AMP, 3Phase (22kW) between 450 & 750V.

VISIT OUR WEBSITE, EMAIL OR GIVE US A CALL!

[www.zevltd.com](http://www.zevltd.com) • [sales@zevltd.com](mailto:sales@zevltd.com) • 0333 33 55 747



# Features



## Flexibility

Because we manufacture here in the UK, we can be extremely flexible with the products we produce. Our cables are available in single phase (7.2kW) and three phase (22kW) configurations, as a straight cable for easy storage, or as a coiled cable which for shorter lengths sits off the ground, or as a combination cable for specific applications.



## Design

Our standard Mode 3 cables are produced in two colours – Discreet Grey – where the user requires an unobtrusive installation, or Lime Green, providing high visibility where safety from trip-hazard is a consideration.



## Reliability

Sheathed in high quality, dirt resistant PU (polyurethane), the three power cores (single phase) and five power cores (3 phase) are safely insulated to continuously protect current flow along with the smaller pilot core enabling communications between the charge point and the electric vehicle.



## Durability

Our cables are designed to be highly flexible and have a high tear resistance, making them extremely robust. They are able to withstand mechanical loads, impact, abrasion and are resilient to harmful chemicals. Designed for consistent and repetitive use, they are highly resilient against heat, sunlight, moisture and ageing, and provide long-term, reliable connectivity for EV charging applications.





# Specifications

## Cable Specification

Conductor Material	Plain copper
Conductor Class	According to BS EN 60228
Conductor size mm <sup>2</sup>	Single phase: 3 x 6.00mm <sup>2</sup> & 1 x 0.75mm <sup>2</sup> 3 phase: 5 x 6.00mm <sup>2</sup> & 1 x 0.75mm <sup>2</sup>
No of cores	Single phase: 4 3 phase: 6
Core Insulation	TPR
Outer sheath	Polyurethane EVM-1P
Sheath colour	Standard – Grey or Lime Green (other colours available for quantity order)
Cable diameter mm	Single phase: 14.00 3 phase: 16.00
Bend radius mm	Single phase: 25.00 3 phase: 31.00
Temperature range	-40°C - +90°C
Rated voltage & AMPS	450/750V 32
AC Charging rate	Up to 7.2kW Up to 22kW

- ⚡ Highly flexible
  - ⚡ Dirt & heat resistant
  - ⚡ Connectors are TUV Certified IEC/EN 62196
  - ⚡ Lightweight design
  - ⚡ Connector to connector and tethered options available
  - ⚡ Single and three-phase configurations
  - ⚡ Available in any length
- ⚡ Straight, coiled or combination options available
  - ⚡ Multiple colour options
  - ⚡ Compliant with all battery electric and plug-in hybrid vehicles
  - ⚡ Complete cables compliant with home, workplace and public charge points with Type2 socket
  - ⚡ Tethered cables compliant with electric vehicles with a Type2 inlet