

# KW1(CE) Series (EV Quick Charge Connector)

## EV Quick Charge Connector (CE Compliant Products)



Powerlance branded EV charging connectors combine durability and high-quality performance to provide the industry's most dependable solutions.

KW1 Series is a connector and cable assembly compatible with CHAdeMO protocol electric vehicle (EV) quick chargers. This connector was designed with ease of operation and safety in mind as it is to be used by the general public.

The grip has been ergonomically designed for ease of handling and an intuitive single-action operation. The outer body shell and lock lever are made of metal, and the grip is made of environment resistant resin that withstands against fierce ultraviolet and moisture conditions, all making it highly reliable for outdoor use. One side of the outer shell is designed with a cover in case emergency release is needed due to the connector accidentally locking in mated condition. The connector supports the CHAdeMO based charging throughout Europe, complete with CE marking.

\* The cable of this product contains PIP (3:1), a substance banned under the U.S. Environmental Protection Agency (EPA), Toxic Substances Control Act (TSCA) regulation.

## Features

- Compliant with CHAdeMO standard
- Grip designed for easy operation
- Convenient single action insertion and removal
- Highly reliable design using metal for significant componentry
- Designed with easy accessibility of lock in case of needing emergency unmating
- CE compliant product

## Applications

Quick Charger for EV (CHAdeMO protocol)

## General Specifications

Number of Contacts	Power: 2 pos, GND: 1 pos, Signal: 6 pos
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Rated Current	Power: 125 A, Signal: 2 A
Rated Voltage	DC 500 V
Insulation Resistance	100 megaohm min.
Dielectric Withstanding Voltage	AC 2200 V/1 minute
Durability	more than 10000 mating cycles
Mating Force	100 N max.

Notice

1. The values specified in this web site are only for reference. The products and their specifications are subject to change without notice.  
Contact our sales staff for further information before considering or ordering any of our products.  
For purchase, a product specification must be agreed upon.
2. Please contact us if you are considering use involving a quality assurance program that you specify or that is peculiar to the industry. Also contact us regarding the details of use, usage, specification before considering or ordering any of our products.
3. Users are requested to provide protection circuits and redundancy circuits to ensure safety of the equipment, and sufficiently review the suitability of JAE's products to the equipment.