



# Automotive Solutions

## UL 62 Electric Vehicle Cable Assembly EV • EVE • EVT • EVJ • EVJE • EVJT (300 / 600v Options)

An unrivalled model of vertical integration gives us the edge when designing electrical & electronic systems for the automotive market.

Lorom are recognised as one of the global leaders in manufacturing technologies and our experience in cable and component design and manufacture allows us to provide unique products built completely in house. Let Lorom support you in the design your electrical vehicle charging assembly and rest assured that your product will be fully compliant to international standards and specifications.

### Connector

Safety & Regulatory	Specifications
Interface Standard	Meet SAE J1772 Standard
Safety Standard	Meet UL 2251 Standard
Electrical	Specifications
Rated Current	32A
Rated Voltage	240V
Mechanical	Specifications
Plug Lifespan	Meet UL 2251 Standard
Mating Force	Meet UL 2251 Standard
Protection Level	IP 55
Environmental	Specifications
Operating Temperature	-40°C - +60°C
Material	Specifications
Color	Various
Flammability Rating	UL 94 V-0 / VW-1
Main Material	PC/PA66/Aluminum Alloy

### Cable

UL 62 For cables • ROHS Compliant  
UL 2556 Flame resistant

- **EV (Thermoset) Jacket** – Provides amazing flexibility & durability, while also providing superior chemical and abrasion resistance. The rubber jacket enables protection against daily abuse, temperature cycling and environmental change. Suitable for commercial and industrial applications.
- **EVE (TPE) Thermoplastic Elastomer Jacket** – Lorom’s product is lightweight for easy handling, provides superior flexibility in comparison to other TPE jackets, and can be molecularly bonded.
- **EVT (Polyvinylchloride)** - The PVC Jacket provides the lowest cost option and is ideally suited to consumer/ home charging appliances.

