

# SAE J1772™

## Portable Power Solutions for Hybrid & Electric Vehicles



### Electric Vehicle SAE J1772™ Charge Plug



### Certifications & Compliances

- SAE J1772™
- RoHS compliant
- UL 2251
- UL50E Types 3S and 4X
- UL 2251 and UL 50E “Watertight and Corrosion Resistant” connector assembly
- Cabling per UL 62 and CSA where applicable

### EV solutions can be customized for Electric Vehicle Supply Equipment (EVSE) OEMs with options such as:

- Custom connector assembly enhancements, including custom molding to include your brand
- Highly flexible cable for coiled applications
- Customized connector assembly and cable solutions to meet all amperage and environmental specifications

### Features & Benefits of the SAE J1772™ Connector

- Innovative, fully integrated and overmolded connector featuring CarolGrene™ Ultra Flex® EV Cable.
- Patented material technologies and encapsulated ergonomic connector design.
- Simple connector latch design for improved durability.
- Designed, manufactured and assembled to North American industry and regulatory standards.
- Low contact resistance offering minimal heat rise.
- Multiple power delivery options when paired with CarolGrene™ Ultra Flex® EV cables, including:
  - 16 amp to 80 amp product offerings
  - 115 VAC to 240 VAC
- Temperature range: -40°C to 105°C.
- Resistant to corrosion, oil and water.
- Impact- and crush-resistant.

Catalog Number	Current & Voltage Ratings		Cable Sizes (AWG/C)	Cable Jacket
7438.06.004X	80 A	240 VAC	6/2 + 8/1 + 18/1	TPE-50 / 105°C
7438.08.004X	65 A	240 VAC	8/3 + 18/1	TPE-50 / 105°C
7438.10.504X	50 A	240 VAC	10/3 + 18/1	TPE-50 / 105°C
7438.10.404X	40 A	240 VAC	10/3 + 18/1	TPE-50 / 105°C
7438.10.004X	32 A	240 VAC	10/3 + 18/1	TPE-50 / 105°C
7438.12.004X	20 A	240 VAC	12/3 + 18/1	TPE-50 / 105°C
7438.14.004X	16 A	240 VAC	14/3 + 18/1	TPE-50 / 105°C

