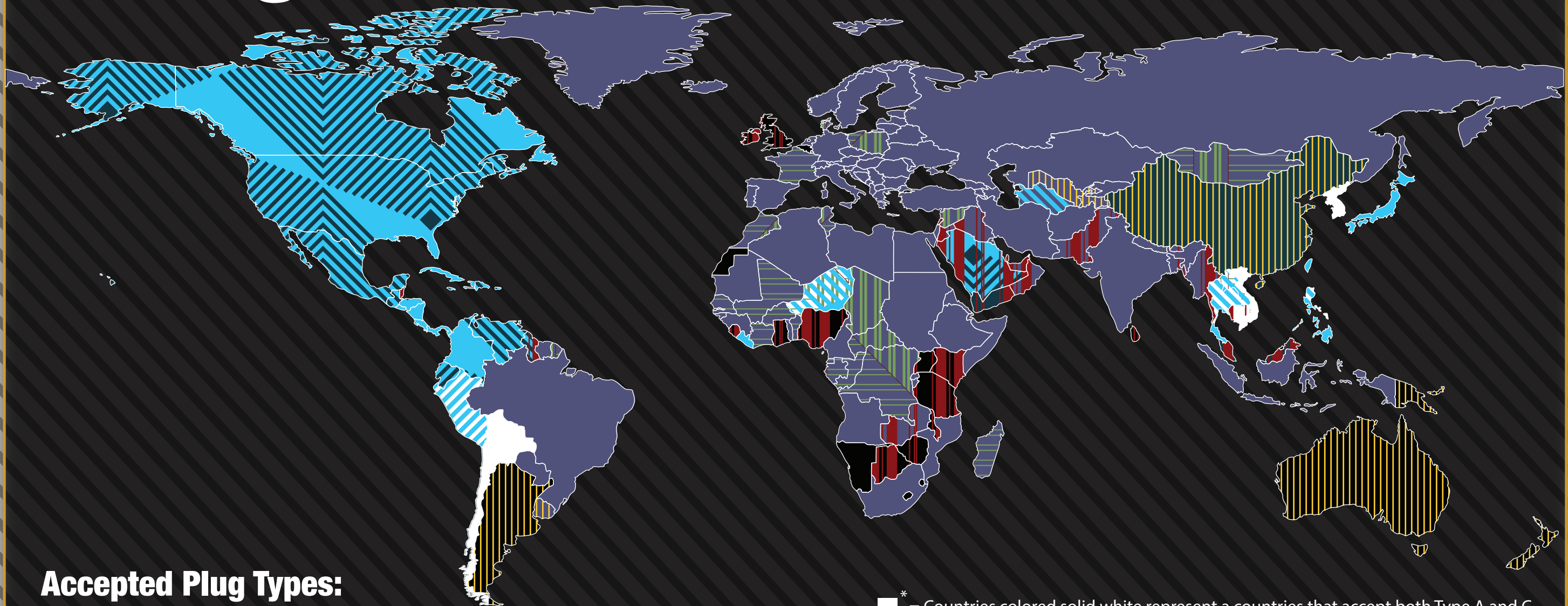


Plug-In Around the EV World



Accepted Plug Types:

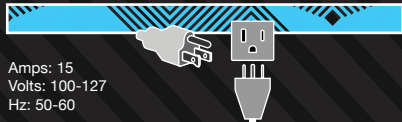
NEMA 1-15 | Type A plugs:



Amps: 15
Volts: 100 – 127
Hz: 50-60

Type A or NEMA 1-15 electrical plug (or flat blade attachment plug) is an ungrounded plug with two flat parallel pins. Japanese plugs can be used in the US but often not the other way around.

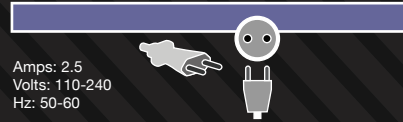
NEMA 5-15 | Type B plugs:



Amps: 15
Volts: 100-127
Hz: 50-60

Type B or NEMA 5-15 electrical plug has two flat parallel pins and a round grounding (or earth) pin. The Type B plug is mainly used in the USA, Canada, Mexico & Japan. As with the type A plugs, the American and Japanese versions vary slightly.

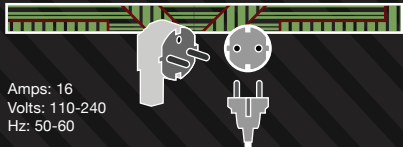
CEE 7/16 | Type C plugs:



Amps: 2.5
Volts: 110-240
Hz: 50-60

Type C or CEE 7/16 electrical plug (aka Europlug) is a two-wire plug that has two round pins. They are used in all countries of Europe with exceptions like the United Kingdom, Ireland, Cyprus and Malta.

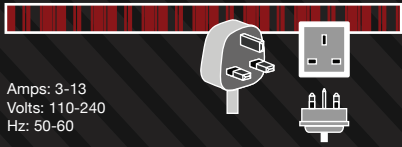
CEE 7/4 | Type F plugs:



Amps: 16
Volts: 110-240
Hz: 50-60

Type F or CEE 7/4 electrical plug has two 4.8 mm round pins spaced 19 mm apart and a hole for the socket's male grounding pin. The CEE 7/4 plug is mainly used in Germany, Austria, the Netherlands, Sweden, Finland, Norway, Portugal, Spain and Eastern Europe.

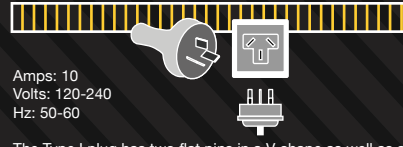
Type G plugs:



Amps: 3-13
Volts: 110-240
Hz: 50-60



The Type G electrical plug has three rectangular blades in a triangular pattern and has an incorporated fuses (for smaller appliances such as a computer and 13 amps for heavy duty appliances). This plug is mainly used in the United Kingdom, Ireland, Cyprus, Malta, Malaysia, Singapore and Hong Kong.

Type I plugs:



Amps: 10
Volts: 120-240
Hz: 50-60

The Type I plug has two flat pins in a V-shape as well as a flat grounding pin. A version of the plug, which only has the two flat pins, exists as well. The Type I Plug is mainly used in Australia, New Zealand, Papua New Guinea, China and Argentina.

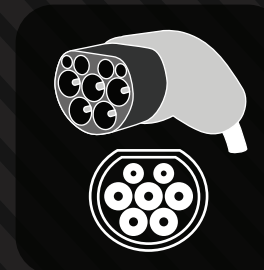
* = Countries colored solid white represent a countries that accept both Type A and C.
* = Countries with white outline represent a countries that do not have a set standard.

Common Connectors Types:

IEC 62196 Type 2



GB/T 20234.2-2011 AC



Tesla



Chademo Yazaki



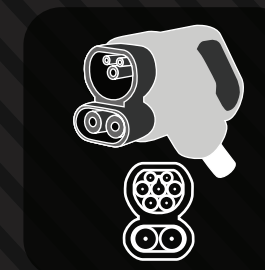
SAE J1772



SAE J1772 CCS Combo 1 Type 1



EU DC CCS Combo 2 Type 2



GB/T 20234.3-2011 DC



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