



Universal Mobile Connector -- Electrician Installation Information

The Universal Mobile Connector comes standard with a 14-50 plug. There are also several different adapters available at various current levels. Please see the chart below for the available adapters and breaker ratings.



Adapter Charge Times				
Adapter	Outlet		Breaker Rating (Amps)	Charge Time (Hours)
NEMA 6-15	AC units		15	10
NEMA 6-20	motel AC unit		20	14.5
NEMA 6-30	AC units, commercial equipment		30	10
NEMA 6-50	electrical welders		50	6
NEMA 14-30	new dryers		30	10
NEMA L14-30	generators		30	10
NEMA 14-50 (comes standard)	dryer and RVs		50	6
NEMA 10-30	old dryers		30	10
NEMA 5-15	standard 3 prong		15	48
NEMA 5-20	standard 3 prong, higher current		20	37

Tesla Motors recommends that our customers contact a certified electrician to determine if there is an appropriate outlet breaker at their location.



Tesla recommends installing a NEMA 14-50R receptacle connected to a non GFCI 50A breaker.

The receptacle should be installed in a dry environment with easy access to the drivers' side of the vehicle. Tesla Roadsters are not engineered to work with extension cords.