Tesla Model S Charging Quick Reference

http://evtripplanner.com/calcs.php
http://www.teslamotors.com/charging

CHARGE RATES/TIMES

<table>
<thead>
<tr>
<th>Charge Volts</th>
<th>Circuit Rated Amps</th>
<th>Charge kW</th>
<th>Charge mph (&quot;rated&quot;)</th>
<th>Charge mph (350 Wh/mi)</th>
<th>Full Charge Hrs (85kWh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>110 V / 12 A</td>
<td>15</td>
<td>1.4</td>
<td>4.0</td>
<td>3.5</td>
<td>69</td>
</tr>
<tr>
<td>240 V / 24 A</td>
<td>30</td>
<td>5.8</td>
<td>16</td>
<td>14</td>
<td>17</td>
</tr>
<tr>
<td>240 V / 40 A</td>
<td>50</td>
<td>9.6</td>
<td>26</td>
<td>23</td>
<td>10.4</td>
</tr>
<tr>
<td>240 V / 24 A</td>
<td>100</td>
<td>19</td>
<td>53</td>
<td>47</td>
<td>10.4</td>
</tr>
</tbody>
</table>

Charge kW is not constant...slower as batt fills.

Charging Apps/Sites
- recargo.com
- carstations.com
- chargepoint.com
- plugshare.com
- blinknetwork.com
- www.afdc.energy.gov

Tesla CA Superchargers
- Folsom Premium Outlets
  10000 Folsom Blvd, Folsom, CA 95630
- Gilroy Premium Outlet, near Sony
  581 Leavesley Rd, Gilroy, CA 95020
  - Gilroy Premium Outlets behind the Sony store
- Harris Ranch (Near Harris Ranch Inn and Restaurant)
  24505 W Dennis Ave Coalinga, CA 93210
  - at the Shell station by the mini mart/Subway
- Tejon Ranch (Near Yogurtland)
  5602 Dennis McCarthy Dr., Lemo, CA 93243
  - Petro Shopping Center, located near Yogurtland
- Los Angeles (Hawthorne Municipal Airport)
  2020 Jack Northrop Ave, Hawthorne, CA 90250
- Barstow (Country Inn and Suites)
  2812 Lenwood Rd, Barstow, CA 92311

Charging
10 kW capable on-board charger with the following input compatibility: 85-265 V, 45-65 Hz, 1-40 A
(Optional 20 kW capable Twin Chargers increases input compatibility to 80 A)
Peak charger efficiency of 92%

10 kW capable Universal Mobile Connector with 110 V, 240 V, and J1772 adapters

Charge Hrs per Driving Hr (72F, 85% efficiency)

<table>
<thead>
<tr>
<th>Driving MPH</th>
<th>1.4</th>
<th>5.8</th>
<th>9.6</th>
<th>19.2</th>
<th>90.0</th>
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<tbody>
<tr>
<td>60</td>
<td>13.7</td>
<td>16.5</td>
<td>19.4</td>
<td>22.7</td>
<td>26.5</td>
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<tr>
<td>65</td>
<td>13.4</td>
<td>16.2</td>
<td>19.0</td>
<td>22.0</td>
<td>25.5</td>
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<td>70</td>
<td>13.1</td>
<td>15.9</td>
<td>18.7</td>
<td>21.7</td>
<td>25.0</td>
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<tr>
<td>75</td>
<td>12.8</td>
<td>15.6</td>
<td>18.4</td>
<td>21.4</td>
<td>24.5</td>
</tr>
<tr>
<td>80</td>
<td>12.5</td>
<td>15.3</td>
<td>18.1</td>
<td>21.1</td>
<td>24.0</td>
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