**Tesla Model S Datasheet**

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|  | | | | **Model S 100D** | **Performance P100D** |
| Acceleration (0-100km/h) | | | | 3,8 s | 2,4 s |
| Top speed | | | | 249 km/h | 249 km/h |
| Battery | | | | 100kWh | 100kWh |
| Available cargo weight | Driver and one passenger | | | 297 kg | 297 kg |
| Driver and four passenger | | | 93 kg | 93 kg |
| Range | | City | | 725 km | 690 km |
| Highway | | 475 km | 450 km |
| Combined | | 580 km | 555 km |
| Wheels | | | | 19" Base | |
| 19" Slipstream | |
| 19" Cyclone | |
| 21" Turbine | |
| 21" Archnid | |
| Wheel weight | | 19" Base | | 13,38 kg | |
| 19" Slipstream | | 13,15 kg | |
| 19" Cyclone | | 13,52 kg | |
| 21" Turbine | | 8,5" Width: 15,97 kg | |
| 9" Width: 17,25 kg | |
| 21" Archnid | | 8,5" Width: 11,75 kg | |
| 9" Width: 12,22 kg | |
| Drag coefficient | | | | 0,24 | 0,24 |
| Powertrain | | | | Dual Motor All-Wheel Drive | |
| Gear box ratio | | | | 9,73:1 | |
| Max torque | | | | 660 Nm | 931 Nm |
| Total power | | | | 311 kW (423 PS) | 451 kW (613 PS) |
| Inverter | | | | 24 pairs of Silicon Carbide (SiC) MOSFET chips rated for 650 volts each | |
| Cooling | | | | Liquid | |
| Energy consumption | | City | | 13 kWh/100 km | 13,6 kWh/100 km |
| Highway | | 29,8 kWh/100 km | 20,9 kWh/100 km |
| Combined | | 16,2 kWh/100 km | 16,9 kWh/100 km |
| Vehicle weight | | | | 2,200 kg | 2,250 kg |
| Price | | | Base | $75 750 | $102 750 |
| Extended range (8%) | $ 8000 | |
| Autopilot | $ 5000 | |

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| **Charging Point** | **Max Power** | **Power** | **Time** |
| Wall Plug (2,3 kW) | 230V / 1x10 A | 2,3 kW | 48h15m |
| 1-ph 16A (3,7 kW) | 230V/ 1x16A | 3,7 kW | 30h |
| 1-ph 32 A (7,4 kW) | 230V / 1x32A | 7,4 kW | 15 h |
| 3-ph 16A (11kW) | 400V/ 3x16A | 11 kW | 10h15m |
| 3-ph 32A (22kW) | 400V / 3x24A | 17 kW | 6h45m |
| Supercharger (72kW DC) | 72 kW | 65 kW | 1 hour |
| Supercharger (145 kW DC) | 120 kW | 10 kW | 40min |