

Dynamic Power Management

Dynamic Power Management adjusts charge rate in real-time based on the available power in your electrical panel. This means your charge rate will always be the fastest possible, while ensuring that total power being drawn from your panel is within safe limits.

Note: Dynamic Power Management requires the purchase and installation of a Tesla-approved power meter, sold separately from the Wall Connector. Currently, these meters are available [for purchase online](#) or through a [Tesla Certified Installer](#).

How It Works

Using a Tesla-approved power meter, Dynamic Power Management continuously monitors the available power in your panel and adjusts your Wall Connector charge rate based on electrical usage in your home. So when your home is using more power—for example, when you have a dryer and a water heater running—your vehicle will charge more slowly. But when your home is using less power—for example, at night—your vehicle will charge more quickly.

Why It's Useful

This feature allows you to get the maximum charge rate of your Wall Connector while avoiding electrical upgrades. This is ideal for homes or parking spaces with limited power.