



ENERGY STAR CERTIFIED

# Electric Vehicle Chargers (AC-Output)

## SemaConnect - SemaConnect : 530

### Specifications

|  |                   |
|--|-------------------|
| <b>Brand Name:</b>   | SemaConnect       |
| <b>Model Name:</b>   | SemaConnect       |
| <b>Model Number:</b>   | 530               |
| <b>ENERGY STAR Unique ID:</b>  | 2379526           |
| <b>ENERGY STAR Partner:</b>  | SemaConnect, Inc. |
| <b>Product Type:</b>   | Level 2           |
| <b>Input Voltage (V):</b>  | 240.0             |
| <b>Max Nameplate Output Current (A):</b>                             | 30                |
| <b>Maximum Output Power (kW):</b>                                    | 7.2               |
| <b>Number of Outputs:</b>  | 1                 |
| <b>Maximum Output Cord Length (ft.):</b>                             | 18                |
| <b>Output Cord Gauge (AWG):</b>                                      | 10                |
| <b>Automatic Brightness Control (ABC) Capable?:</b>                  | No                |
| <b>Connects Using:</b>   | Cellular          |
| <b>Network Connection Types Available:</b>                           | Cellular          |
| <b>DR Protocol:</b>  | OpenADR           |
| <b>Is Broadband Internet Connection Needed for Demand Response?:</b> | No                |
| <b>Protocols Used to Support Smart Charging:</b>                     | SAE J1772         |
| <b>15 A Operation Mode Test: Total Loss (watts):</b>                 | 25.3              |
| <b>30 A Operation Mode Test: Total Loss (watts):</b>                 | 71.32             |
| <b>4 A Operation Mode Test: Total Loss (watts):</b>                  | 9.45              |
| <b>Full Current Operation Mode Test: Total Loss (watts):</b>         | 71.32             |
| <b>Idle Mode Input Power (watts):</b>                                | 8.94              |
| <b>Idle Mode Power Factor:</b>                                       | 0.67              |
| <b>Idle Mode Total Allowance (watts):</b>                            | 16.6              |
| <b>No Vehicle Mode Input Power (watts):</b>                          | 3.27              |
| <b>No Vehicle Mode Power Factor:</b>                                 | 0.36              |
| <b>No Vehicle Mode Total Allowance (watts):</b>                      | 4.6               |
| <b>Partial On Mode Input Power (watts):</b>                          | 3.34              |
| <b>Partial On Mode Power Factor:</b>                                 | 0.34              |
| <b>Partial On Mode Total Allowance (watts):</b>                      | 4.6               |
| <b>Date Certified:</b>   | 2021-06-11        |

|                                  |                       |
|----------------------------------|-----------------------|
| <b>Date Available on Market:</b> | 2021-06-11            |
| <b>Markets:</b>                  | United States, Canada |
| <b>ENERGY STAR Certified:</b>    | Yes                   |

**Captured On:**  
02/09/2025