



ENERGY STAR CERTIFIED

# Electric Vehicle Chargers (DC-Output)

## Espen - EVC/D180/SXXX/EWG : EVC/D180/SXXX/EWG

### Specifications

|  |   |
|--|---|
| <b>Brand Name:</b>   | Espen   |
| <b>Model Name:</b>   | EVC/D180/SXXX/EWG   |
| <b>Model Number:</b>   | EVC/D180/SXXX/EWG   |
| <b>ENERGY STAR Unique ID:</b>  | 3624408   |
| <b>Type:</b>   | DC-output (AC-input)  |
| <b>Rated Input Voltage (V) AC-Input:</b>                                     | 480   |
| <b>DC-input or AC-input:</b>   | AC-input  |
| <b>ENERGY STAR Partner:</b>  | Espen Technology Inc.   |
| <b>Maximum Nameplate Output Current (A) AC-Input:</b>                        | 300.0   |
| <b>Maximum Measured Luminance of the High Res Display (candelas per m2):</b> | 865.0   |
| <b>Output Cord Length (ft.):</b>   | 16  |
| <b>Number of Outputs:</b>  | 2   |
| <b>Output Cord Gauge (AWG):</b>  | 4/0   |
| <b>Single Phase or Three Phase:</b>  | Three Phase   |
| <b>Product Configuration:</b>  | All-in-One Product Configuration                              |
| <b>Maximum Available Output Power:</b>                                       | 180000.0  |
| <b>Maximum Output Power:</b>   | 180.0   |
| <b>Automatic Brightness Control Capable?:</b>                                | No  |
| <b>Connected Capable:</b>  | Yes   |
| <b>Connects Using:</b>   | Wi-Fi,Wired Ethernet  |
| <b>Network Connection Types Available:</b>                                   | Gigabit Ethernet,Wi-Fi,Cellular                               |
| <b>Screen Area, if EVSE has high res display (in2):</b>                      | 20.52   |
| <b>Connector Type:</b>   | Combined Charging System (CCS)                                |
| <b>DR Protocol:</b>  | Open Charge Point Protocol (OCPP)                             |
| <b>Is Broadband Internet Connection Needed for Demand Response?:</b>         | No  |
| <b>Network Security Standards:</b>   | None  |
| <b>Protocols Used to Support Smart Charging:</b>                             | SAE J1772   |
| <b>Integral Battery Bank:</b>  | No  |
| <b>Product Features:</b>   | None  |
| <b>Auxiliary Product Features:</b>   | High Resolution Display,Radio Frequency Identification (RFID) |
| <b>Idle Mode Input Power (watts) AC- Input:</b>                              | 257.26  |

|  |                       |
|--|-----------------------|
| <b>No Vehicle Mode Input Power (watts) AC-Input:</b>     | 60.13                 |
| <b>No Vehicle Mode Power Factor AC-Input:</b>            | 0.02                  |
| <b>No Vehicle Mode Total Allowance (watts):</b>          | 133.28                |
| <b>Partial On Mode Input Power (watts) AC-Input:</b>     | 72.3                  |
| <b>Partial On Mode Power Factor AC-Input:</b>            | 0.02                  |
| <b>Partial On Mode Total Allowance (watts):</b>          | 133.28                |
| <b>Average Loading-Adjusted Efficiency (%) AC-Input:</b> | 0.95                  |
| <b>Date Certified:</b>                                   | 2024-08-27            |
| <b>Date Available On Market:</b>                         | 2024-09-30            |
| <b>Markets:</b>  | United States, Canada |
| <b>ENERGY STAR Certified:</b>                            | Yes                   |

**Captured On:**  
04/24/2025