



ENERGY STAR CERTIFIED

# Electric Vehicle Chargers (AC-Output)

## Leviton - EV80W : EV80W

### Specifications

|                                                       |                           |
|-------------------------------------------------------|---------------------------|
| Brand Name:                                           | Leviton                   |
| Model Name:                                           | EV80W                     |
| Model Number:                                         | EV80W                     |
| ENERGY STAR Unique ID:                                | 2448296                   |
| ENERGY STAR Partner:                                  | Leviton Mfg Co., Inc.     |
| Product Type:                                         | Level 2                   |
| Input Voltage (V):                                    | 240.0                     |
| Max Nameplate Output Current (A):                     | 80                        |
| Maximum Output Power (kW):                            | 19.2                      |
| Number of Outputs:                                    | 1                         |
| Maximum Output Cord Length (ft.):                     | 18                        |
| Output Cord Gauge (AWG):                              | 6                         |
| Automatic Brightness Control (ABC) Capable?:          | No                        |
| Network Connection Types Available:                   | Wi-Fi or Gigabit Ethernet |
| 15 A Operation Mode Test: Total Loss (watts):         | 15.59                     |
| 30 A Operation Mode Test: Total Loss (watts):         | 19.92                     |
| 4 A Operation Mode Test: Total Loss (watts):          | 7.8                       |
| Full Current Operation Mode Test: Total Loss (watts): | 56.6                      |
| Idle Mode Input Power (watts):                        | 7.11                      |
| Idle Mode Power Factor:                               | 0.31                      |
| Idle Mode Total Allowance (watts):                    | 35.6                      |
| No Vehicle Mode Input Power (watts):                  | 2.78                      |
| No Vehicle Mode Power Factor:                         | 0.27                      |
| No Vehicle Mode Total Allowance (watts):              | 3.6                       |
| Partial On Mode Input Power (watts):                  | 3.06                      |
| Partial On Mode Power Factor:                         | 0.28                      |
| Partial On Mode Total Allowance (watts):              | 3.6                       |
| Date Certified:                                       | 2023-03-24                |
| Date Available on Market:                             | 2023-03-24                |
| Markets:                                              | United States, Canada     |
| ENERGY STAR Certified:                                | Yes                       |

Captured On:  
07/05/2025