



ENERGY STAR CERTIFIED

# Electric Vehicle Chargers (AC-Output)

## Yiwei - EV-SAE-AC16-P : EV-SAE-AC16-P

### Specifications

|                                                                              |                                                                |
|------------------------------------------------------------------------------|----------------------------------------------------------------|
| Brand Name:                                                                  | Yiwei                                                          |
| Model Name:                                                                  | EV-SAE-AC16-P                                                  |
| Model Number:                                                                | EV-SAE-AC16-P                                                  |
| ENERGY STAR Unique ID:                                                       | 3892417                                                        |
| ENERGY STAR Partner:                                                         | Ningbo Yiwei New Energy Technology Co., LTD                    |
| Product Type:                                                                | Level 2                                                        |
| Input Voltage (V):                                                           | 240.0                                                          |
| Max Nameplate Output Current (A):                                            | 48                                                             |
| Maximum Output Power (kW):                                                   | 11.52                                                          |
| Number of Outputs:                                                           | 1                                                              |
| Maximum Output Cord Length (ft.):                                            | 25                                                             |
| Output Cord Gauge (AWG):                                                     | 8                                                              |
| Maximum (100%) Measured Luminance of the High Res Display (candelas per m2): | 120.0                                                          |
| Automatic Brightness Control (ABC) Capable?:                                 | No                                                             |
| Network Connection Types Available:                                          | Wi-Fi or Gigabit Ethernet                                      |
| Screen Area, if EVSE has high res display (in2):                             | 8.56                                                           |
| Auxiliary Product Features:                                                  | High Resolution Display, Radio Frequency Identification (RFID) |
| 15 A Operation Mode Test: Total Loss (watts):                                | 21.82                                                          |
| 30 A Operation Mode Test: Total Loss (watts):                                | 64.41                                                          |
| 4 A Operation Mode Test: Total Loss (watts):                                 | 6.29                                                           |
| Full Current Operation Mode Test: Total Loss (watts):                        | 156.76                                                         |
| Idle Mode Input Power (watts):                                               | 5.85                                                           |
| Idle Mode Power Factor:                                                      | 0.22                                                           |
| Idle Mode Total Allowance (watts):                                           | 26.61                                                          |
| No Vehicle Mode Input Power (watts):                                         | 3.45                                                           |
| No Vehicle Mode Power Factor:                                                | 0.16                                                           |
| No Vehicle Mode Total Allowance (watts):                                     | 7.41                                                           |
| Partial On Mode Input Power (watts):                                         | 3.3                                                            |
| Partial On Mode Power Factor:                                                | 0.15                                                           |
| Partial On Mode Total Allowance (watts):                                     | 7.41                                                           |
| Date Certified:                                                              | 2025-01-06                                                     |
| Date Available on Market:                                                    | 2025-01-06                                                     |

|                        |                       |
|------------------------|-----------------------|
| Markets:               | United States, Canada |
| ENERGY STAR Certified: | Yes                   |

Additional Model Information

,EV-SAE-AC32-P;; ,EV-SAE-AC40-P;; ,EV-SAE-AC48-P,

Captured On:  
04/28/2025