



ENERGY STAR CERTIFIED

# Electric Vehicle Chargers (DC-Output)

## Star Charge - DC1800AN116\*\* : DC1800AN116\*\*

### Specifications

|                                                                       |                                                                                |
|-----------------------------------------------------------------------|--------------------------------------------------------------------------------|
| Brand Name:                                                           | Star Charge                                                                    |
| Model Name:                                                           | DC1800AN116**                                                                  |
| Model Number:                                                         | DC1800AN116**                                                                  |
| ENERGY STAR Unique ID:                                                | 2732789                                                                        |
| Type:                                                                 | DC-output (AC-input)                                                           |
| Rated Input Voltage (V) AC-Input:                                     | 480                                                                            |
| DC-input or AC-input:                                                 | AC-input                                                                       |
| ENERGY STAR Partner:                                                  | Wanbang Digital Energy Co., Ltd                                                |
| Maximum Nameplate Output Current (A) AC-Input:                        | 250.0                                                                          |
| Maximum Measured Luminance of the High Res Display (candelas per m2): | 860.4                                                                          |
| Output Cord Length (ft.):                                             | 23                                                                             |
| Number of Outputs:                                                    | 2                                                                              |
| Output Cord Gauge (AWG):                                              | 1/0                                                                            |
| Single Phase or Three Phase:                                          | Three Phase                                                                    |
| Product Configuration:                                                | All-in-One Product Configuration                                               |
| Maximum Available Output Power:                                       | 180000.0                                                                       |
| Maximum Output Power:                                                 | 180.0                                                                          |
| Automatic Brightness Control Capable?:                                | No                                                                             |
| Connected Capable:                                                    | Yes                                                                            |
| Connects Using:                                                       | Wi-Fi,Wired Ethernet                                                           |
| Network Connection Types Available:                                   | Gigabit Ethernet,Wi-Fi                                                         |
| Screen Area, if EVSE has high res display (in2):                      | 62.1                                                                           |
| Connector Type:                                                       | Combined Charging System (CCS)                                                 |
| DR Protocol:                                                          | Open Charge Point Protocol (OCPP)                                              |
| Is Broadband Internet Connection Needed for Demand Response?:         | No                                                                             |
| Network Security Standards:                                           | None                                                                           |
| Protocols Used to Support Smart Charging:                             | SAE J1772                                                                      |
| Integral Battery Bank:                                                | No                                                                             |
| Product Features:                                                     | The output cord size is 2*1/0 for DC+ and 2*1/0 for DC-                        |
| Auxiliary Product Features:                                           | PLC Board (ISO 15118),Credit Card Reader,Radio Frequency Identification (RFID) |
| Idle Mode Input Power (watts) AC- Input:                              | 389.16                                                                         |

|                                                          |                       |
|----------------------------------------------------------|-----------------------|
| <b>No Vehicle Mode Input Power (watts) AC-Input:</b>     | 57.76                 |
| <b>No Vehicle Mode Power Factor AC-Input:</b>            | 0.12                  |
| <b>No Vehicle Mode Total Allowance (watts):</b>          | 138.67                |
| <b>Partial On Mode Input Power (watts) AC-Input:</b>     | 76.49                 |
| <b>Partial On Mode Power Factor AC-Input:</b>            | 0.15                  |
| <b>Partial On Mode Total Allowance (watts):</b>          | 138.67                |
| <b>Average Loading-Adjusted Efficiency (%) AC-Input:</b> | 0.95                  |
| <b>Date Certified:</b>                                   | 2023-11-16            |
| <b>Date Available On Market:</b>                         | 2023-11-14            |
| <b>Markets:</b>                                          | United States, Canada |
| <b>ENERGY STAR Certified:</b>                            | Yes                   |

**Captured On:**  
04/30/2025