



ENERGY STAR CERTIFIED

# Electric Vehicle Chargers (AC-Output)

## Longhorn - EV Charger : ECA-NC8002S-SG80-\*\*##

### Specifications

<b>Brand Name:</b>	Longhorn
<b>Model Name:</b>	EV Charger
<b>Model Number:</b>	ECA-NC8002S-SG80-**##
<b>ENERGY STAR Unique ID:</b>	3798646
<b>ENERGY STAR Partner:</b>	Longhorn Intelligent Tech Co., Ltd
<b>Product Type:</b>	Level 2
<b>Input Voltage (V):</b>	240.0
<b>Max Nameplate Output Current (A):</b>	80
<b>Maximum Output Power (kW):</b>	19.2
<b>Number of Outputs:</b>	1
<b>Maximum Output Cord Length (ft.):</b>	25
<b>Output Cord Gauge (AWG):</b>	6
<b>Maximum (100%) Measured Luminance of the High Res Display (candelas per m2):</b>	829.18
<b>Automatic Brightness Control (ABC) Capable?:</b>	No
<b>Connected Capable:</b>	Yes
<b>Connects Using:</b>	Wi-Fi
<b>Network Connection Types Available:</b>	Wi-Fi or Gigabit Ethernet,Other LAN (Local Area Network),Cellular
<b>DR Protocol:</b>	Open Charge Point Protocol (OCPP)
<b>Is Broadband Internet Connection Needed for Demand Response?:</b>	Yes
<b>Protocols Used to Support Smart Charging:</b>	SAE J1772
<b>Network Security Standards:</b>	NIST Cybersecurity Framework
<b>Screen Area, if EVSE has high res display (in2):</b>	8.14
<b>Product Features:</b>	None
<b>Auxiliary Product Features:</b>	High Resolution Display,PLC Board (ISO 15118),Radio Frequency Identification (RFID),Revenue Grade Meter
<b>15 A Operation Mode Test: Total Loss (watts):</b>	22.0
<b>30 A Operation Mode Test: Total Loss (watts):</b>	20.0
<b>4 A Operation Mode Test: Total Loss (watts):</b>	13.0
<b>Full Current Operation Mode Test: Total Loss (watts):</b>	44.0
<b>Idle Mode Input Power (watts):</b>	9.26
<b>Idle Mode Power Factor:</b>	0.25
<b>Idle Mode Total Allowance (watts):</b>	41.6

<b>No Vehicle Mode Input Power (watts):</b>	9.31
<b>No Vehicle Mode Power Factor:</b>	0.25
<b>No Vehicle Mode Total Allowance (watts):</b>	9.6
<b>Partial On Mode Input Power (watts):</b>	9.52
<b>Partial On Mode Power Factor:</b>	0.25
<b>Partial On Mode Total Allowance (watts):</b>	9.6
<b>Date Certified:</b>	2024-11-11
<b>Date Available on Market:</b>	2024-11-11
<b>Markets:</b>	United States, Canada
<b>ENERGY STAR Certified:</b>	Yes

**Captured On:**  
04/25/2025