



ENERGY STAR CERTIFIED

# Electric Vehicle Chargers (AC-Output)

## BTCPower - Level 2 Commercial EVSE : EVP-2002-30-P-0002

### Specifications

<b>Brand Name:</b>	BTCPower
<b>Model Name:</b>	Level 2 Commercial EVSE
<b>Model Number:</b>	EVP-2002-30-P-0002
<b>ENERGY STAR Unique ID:</b>	2386209
<b>ENERGY STAR Partner:</b>	Broadband Telcom Power Inc. (BTCPower)
<b>Product Type:</b>	Level 2
<b>Input Voltage (V):</b>	240.0
<b>Max Nameplate Output Current (A):</b>	30
<b>Maximum Output Power (kW):</b>	7.2
<b>Number of Outputs:</b>	2
<b>Maximum Output Cord Length (ft.):</b>	25
<b>Output Cord Gauge (AWG):</b>	10
<b>Maximum (100%) Measured Luminance of the High Res Display (candelas per m2):</b>	480.5
<b>Automatic Brightness Control (ABC) Capable?:</b>	No
<b>Connects Using:</b>	Cellular
<b>Network Connection Types Available:</b>	Cellular
<b>Is Broadband Internet Connection Needed for Demand Response?:</b>	No
<b>Protocols Used to Support Smart Charging:</b>	SAE J1772
<b>Screen Area, if EVSE has high res display (in2):</b>	21.6
<b>15 A Operation Mode Test: Total Loss (watts):</b>	30.2
<b>30 A Operation Mode Test: Total Loss (watts):</b>	88.36
<b>4 A Operation Mode Test: Total Loss (watts):</b>	10.23
<b>Full Current Operation Mode Test: Total Loss (watts):</b>	88.36
<b>Idle Mode Input Power (watts):</b>	6.0
<b>Idle Mode Power Factor:</b>	0.35
<b>Idle Mode Total Allowance (watts):</b>	16.86
<b>No Vehicle Mode Input Power (watts):</b>	3.5
<b>No Vehicle Mode Power Factor:</b>	0.3
<b>No Vehicle Mode Total Allowance (watts):</b>	4.86
<b>Partial On Mode Input Power (watts):</b>	3.61

<b>Partial On Mode Power Factor:</b>	0.31
<b>Partial On Mode Total Allowance (watts):</b>	4.86
<b>Date Certified:</b>	2021-10-18
<b>Date Available on Market:</b>	2021-10-18
<b>Markets:</b>	United States
<b>ENERGY STAR Certified:</b>	Yes

## Additional Model Information

,EVP-2002-30-W-0002,

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