



ENERGY STAR CERTIFIED

Electric Vehicle Chargers (AC-Output)

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

Specifications

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

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

Additional Model Information

,EVP-2002-30-W-0002,

Captured On:
07/25/2025