



ENERGY STAR CERTIFIED

Electric Vehicle Chargers AC

BTCPower - 40 amp dual port L2 EVSE : EVP-2002-40-P-####

Specifications

Brand Name:	BTCPower
Model Name:	40 amp dual port L2 EVSE
Model Number:	EVP-2002-40-P-####
ENERGY STAR Unique ID:	2357144
ENERGY STAR Partner:	Broadband Telcom Power Inc. (BTCPower)
Product Type:	Level 2
Input Voltage (V):	240.0
Max Nameplate Output Current (A):	40
Maximum Output Power (kW):	9.6
Number of Outputs:	2
Maximum Output Cord Length (ft.):	25
Output Cord Gauge (AWG):	6
Maximum (100%) Measured Luminance of the High Res Display (candelas per m2):	31.34
Automatic Brightness Control (ABC) Capable?:	No
Network Connection Types Available:	Wi-Fi or Gigabit Ethernet
Screen Area, if EVSE has high res display (in2):	21.6
15 A Operation Mode Test: Total Loss (watts):	22.93
30 A Operation Mode Test: Total Loss (watts):	59.28
4 A Operation Mode Test: Total Loss (watts):	20.23
Full Current Operation Mode Test: Total Loss (watts):	111.96
Idle Mode Input Power (watts):	10.2
Idle Mode Power Factor:	0.47
Idle Mode Total Allowance (watts):	20.17
No Vehicle Mode Input Power (watts):	3.15
No Vehicle Mode Power Factor:	0.27
No Vehicle Mode Total Allowance (watts):	4.17
Partial On Mode Input Power (watts):	3.25
Partial On Mode Power Factor:	0.27
Partial On Mode Total Allowance (watts):	4.17
Date Certified:	2020-03-24
Date Available on Market:	2020-03-24

Markets:	United States, Canada
ENERGY STAR Certified:	Yes

Additional Model Information

„#### denotes end customer specific designators; „Listed model pedestal; ,EVP-2002-40-W-####,Wall mount

Captured On:
10/17/2025