evconnect

BTCPower

AC Level 2 40A SINGLE or DUAL PORT CHARGING STATION (Wall Mount)

MODEL	SINGLE PORT		DUAL PORT	
	MODEL Number	EVP-2001-40-W-0001	MODEL Number	EVP-2002-40-W-0001
	PRODUCT Number	L2W-40-240-16-001	PRODUCT Number	L2W-40-240-15-001
Power per Port	9.6 kW (240VAC @ 40A)			

ELECTRICAL SERVICE	
Power	240/208 VAC, 40A Load with 50A Branch Circuit Per Port
Service Panel	50A Breakers per Port (No GFCI)
Service Wiring	3-Wire (L1, L2, Earth Ground) / 5-wire (L1, L1, L2, L2, Earth Ground)

FUNCTIONAL INTERFACES	
Connector Type	SAE J1772
Charging Protocol	SAE J1772
Standard Cable Length	25 ft
Cable Retractor	Optional (Cable 18 ft w/ Cable Management)
LCD Display	500 Nits, 7" Color, 800 x 480, UV Protected
Card Reader	ISO 14443 Type A & B, ISO 18092 NFC

SAFETY AND CONNECTIVITY	
Ground Fault Detection	20 mA
Plug-Out Detection	SAE J1772
Power Measurement (opt)	Accuracy: 1% - 5%
Power Report Interval	Every 15 minute on the hour
Wireless	2.4 GHz Wi-Fi (802.11 b/g/n)
Wide Area Network	4G Modem
Communication Protocols	OCPP 1.5 and 1.6 Compliant

SAFETY AND OPERATION	
Enclosure Rating	NEMA 3R
Regulatory Compliance	ETL Certified for USA and cUL Certified for Canada; Complies with UL 2594, UL 2231-1, UL 2231-2, and NEC Article 625, EMC: FCC Part 15 Class A
Operating Temperature	-30°C to +60°C (-22°F to 140°F)
Storage Temperature	-50°C to +80°C (-58°F to 176°F)
Humidity	95% Non-Condensing

- ▸ SINGLE or DUAL PORT, 40A, LEVEL 2
- ▸ CHARGING PROTOCOL: SAE J1772
- ▸ 9.6 KW PER PORT
- ▸ 25 FT or 18 FT with CABLE RETRACTOR
- ▸ NEMA 3R HOUSING
- ▸ RFID READER

- ▸ OCPP COMPLIANT — STANDARD
- ▸ 7" COLOR SCREEN — STANDARD
- ▸ UL COMPLIANT — ETL CERTIFIED
- ▸ OPTIONS:
  - > CABLE RETRACTOR
  - > CREDIT CARD READER
  - > CREDIT CARD SCANNER