

Nuvve PowerPort3 Ultra

50KW+ HIGH-POWER AC CHARGING

The Nuvve PowerPort3 Ultra is a high-powered, three-phase AC electric vehicle charging station available for heavy-duty trucks today. It provides fast, reliable, and intelligent charging. The PowerPort3 is fully controllable through Nuvve’s software platform for unidirectional application or full bidirectional Grid Integrated Vehicle (GIVe™) application, including vehicle-to-grid (V2G) for vehicles that are modified to have onboard, bidirectional inverters and adequate grid protections.



KEY FEATURES

- ✓ NRTL LISTED TO UL STANDARDS[^]
- ✓ J3068 COMPLIANT
- ✓ 52KW+ CHARGE RATE



COST-EFFECTIVE HIGH-POWERED AC CHARGING FOR YOUR ELECTRIC VEHICLES

Nuvve's patented V2G GIVe™ technology was developed in 1996 and has been successfully deployed on five continents. The Nuvve PowerPort3 Ultra provides a cost-effective solution to rapidly charge electric vehicles with three-phase onboard, bidirectional inverters.



SAVE MONEY WITH INTELLIGENT CHARGING

Nuvve's software platform allows you to offset your electricity bills by optimizing both the charging power and the time you charge your vehicle to coincide with non-peak hours.



MANAGE YOUR CHARGING

Use the Nuvve on-the-go management app to plan trip schedules, set minimal charge levels, and trigger emergency charging, all in the convenience of a mobile or browser-based app.*

*In process *Coming soon to U.S. markets.

PowerPort3 Ultra Tech Specifications

MODEL #	EVSE-B-P3-T2-H1-A063
Phase	Three
No. Connectors	1
Connector Type	J3068 AC ₆ / IEC 62196 Type 2
Cable Management	Cordset Hanger
Dimensions	Inches: 21.8 H x 10.4 W x 4.1 D Millimeters: 554 H x 264 W x 105 D
Weight	47 lbs. / 21 kg
Cord Length	25 ft / 7.5m

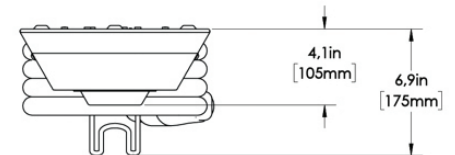
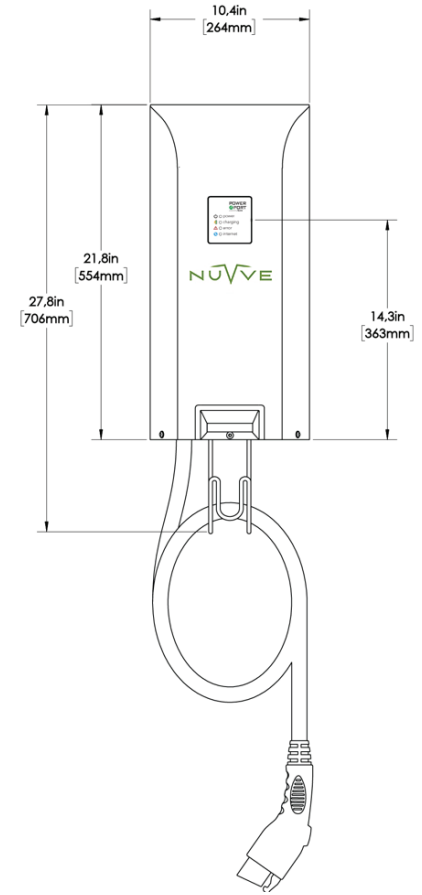
POWER REQUIREMENTS	
Current Capacity	Up to 63A
Voltage Compatibility	208Y/120-480Y/277* VAC 3 ϕ
Maximum Output [^]	63A for up to 52.3kW
Station Standby Usage	3.11W
Frequency	50Hz/60Hz
Wire Size	L1, L2, L3, N: 2-12AWG (4-25mm ²) GND/PE: 6-14AWG (2.5-10mm ²)

* Any supply within this voltage range * EVSE capable of 99kW with development of a 120A cable

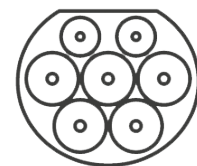
COMPLIANCE & RATINGS	
North American Regulatory Compliance	Certified* : CSA 22.2, CSA 94.2, CSA 280-16, CSA 281.1, CSA 281.2, UL 50E, UL991, UL 1998, UL 2231-1, UL 2231-2, UL 2594 Compatible/Compliant : (FCC Part 15, Class B), NEC 625, SAE J3068
International Regulatory Compliance	CE, EN 61000-6-1, EN 61000-6-3, EN 61851-1:2017, EN 60529
Enclosure Rating	NEMA 3R, IP54, IK10
Metering	Utility grade: ANSI C12.20, Class 0.5
Communication Protocols	LIN (PWM where allowed by J3068)
Operating Temperature	-30°C to 40°C
Relative Humidity	5% to 95%
Air Pressure	86kPa to 106kPa
Short Circuit Rating	Up to 5000A

* Certifications in process

NETWORKING	
Ethernet Connection	RJ 45 (Standard)
LAN	2.4 GHz Wifi option
WAN	3G/LTE, 4G/60Hz option



EVSE-B-P3-T2-H1-A063
CONNECTOR



J3068 / IEC 62196
Type 2

All product specifications as of October 2021 and are subject to change. Please contact Nuvve for updated information.

© 2022 Nuvve Holding Corp. All rights reserved. Version 1.0.