

If applicable, describe how the mitigation action will mitigate the impacts of NOx emissions on communities that have historically borne a disproportionate share of the adverse impacts of such emissions (5.2.10).

n/a

ATTACHMENTS
(CHECK BOX IF ATTACHED)

- Attachment A** **Funding Request and Direction.**
- Attachment B** **Eligible Mitigation Action Management Plan Including Detailed Budget and Implementation and Expenditures Timeline (5.2.4).**
- Attachment C** **Detailed Plan for Reporting on Eligible Mitigation Action Implementation (5.2.11).**
- Attachment D** **Detailed cost estimates from selected or potential vendors for each proposed expenditure exceeding \$25,000 (5.2.6). [Attach only if project involves vendor expenditures exceeding \$25,000.]**
- Attachment E** **DERA Option (5.2.12). [Attach only if using DERA option.]**
- Attachment F** **Attachment specifying amount of requested funding to be debited against each beneficiary's allocation (5.2.13). [Attach only if this is a joint application involving multiple beneficiaries.]**

CERTIFICATIONS

By submitting this application, the Lead Agency makes the following certifications:

- 1. This application is submitted on behalf of Beneficiary Nevada, and the person executing this certification has authority to make this certification on behalf of the Lead Agency and Beneficiary, pursuant to the Certification for Beneficiary Status filed with the Court.**
- 2. Beneficiary requests and directs that the Trustee make the payments described in this application and Attachment A to this Form.**
- 3. This application contains all information and certifications required by Paragraph 5.2 of the Trust Agreement, and the Trustee may rely on this application, Attachment A, and related certifications in making disbursements of trust funds for the aforementioned Project ID.**
- 4. Any vendors were or will be selected in accordance with a jurisdiction's public contracting law as applicable. (5.2.5)**
- 5. Beneficiary will maintain and make publicly available all documentation submitted in**

support of this funding request and all records supporting all expenditures of eligible mitigation action funds subject to applicable laws governing the publication of confidential business information and personally identifiable information. (5.2.7.2)

DATED: 1/24/2019

Danilo Dragoni, PhD
[NAME]


[SIGNATURE]

Chief, Bureau of Air Quality Planning
[TITLE]

Nevada Division of Environmental Protection
[LEAD AGENCY]

for

Nevada
[BENEFICIARY]

**DETAILED DESCRIPTION OF MITIGATION ACTION ITEM INCLUDING
COMMUNITY AND AIR QUALITY BENEFITS (5.2.2)**

This Eligible Mitigation Action Category 9 project will install publicly available light duty electric vehicle charging infrastructure at a Non-Government Owned Property in Ely, Nevada. Specifically, the charging infrastructure will be installed near the junction of Highways 6, 50, and 93 and will have various gas stations and food restaurants nearby. One Direct Current Fast Charger (the charger will have two cords, one SAE Combo and one CHAdeMO, but only one can be in use at a time) and one two-port Level 2 charger will be installed because of this project.

This project supports the development of the Nevada Electric Highway. Once completed, the Nevada Electric Highway will provide a network of electric vehicle charging stations across the state in order to make it easier for Nevadans and our guests alike to appreciate all the state has to offer. By investing in the charging infrastructure identified in the Nevada Electric Highway and this Eligible Mitigation Action specifically, Environmental Mitigation Trust Funds will help to increase the availability of charging stations for electric vehicles and thus increase electric vehicle usage in Nevada’s metropolitan areas, as well as significantly contribute to an increase in the number of electric vehicles driven across not only Nevada, but the entire western region.

Through this Nevada Electric Highway project, the Nevada Division of Environmental Protection (NDEP) will advance funding to the Nevada Governor’s Office of Energy (GOE) who will directly oversee the completion of the project. The GOE’s project partner will then be reimbursed on actual expenditures incurred over the course of the charging infrastructure’s installation. The GOE will provide progress reports to the NDEP detailing the work done to complete the project and once completed, any unspent Trust funds will be returned to Wilmington Trust.

The expected lifetime emissions reductions are based on the median dollars per ton cost-effectiveness detailed in the Federal Highway Administration’s Congestion Mitigation and Air Quality Improvement Program’s Cost Effectiveness Tables.¹ An important assumption associated with this project, but not considered in the below estimates, is that as the number of electric vehicles increases so too will the amount of emissions reduced due to the installation of this charging infrastructure. The emissions reductions, in tons, are:

PM_{2.5} - 0.004
NO_x - 0.04
VOCs - 0.016
CO - 0.648
PM₁₀ - 0.008

¹ FHWA, https://www.fhwa.dot.gov/environment/air_quality/cmaq/reference/cost_effectiveness_tables/#Toc445205109 (May 2017) (accessed August 28, 2018).

ATTACHMENT FOR 5.2.7.2

Describe how the Beneficiary will make documentation publicly available

Subparagraph 5.2.7.2 of the Environmental Mitigation Trust Agreement for State Beneficiaries requires that Beneficiaries include in their funding requests:

A commitment by the Beneficiary to maintain and make publicly available all documentation submitted in support of the funding request and all records supporting all expenditures of Eligible Mitigation Action funds, subject to applicable laws governing the publication of confidential business information and personally identifiable information, together with an explanation of the procedures by which the Beneficiary shall make such documentation publicly available;

The Nevada Division of Environmental Protection (NDEP), the Lead Agency for the State of Nevada, is committed to maintaining and making publicly available all documentation submitted support of the funding requests and all records supporting all expenditures of Eligible Mitigation Action funds, subject to applicable laws governing the publication of confidential business information and personally identifiable information.

The public will be able to view these records on the NDEP's website (<https://ndep.nv.gov>). The NDEP will maintain these records on a Volkswagen (VW) Environmental Mitigation Trust Fund specific webpage that will be designed to support public access and limit burden for the general public. The NDEP's VW specific webpage can currently be found at <https://ndep.nv.gov/air/vw-settlement>.

The NDEP has created an electronic listserv, open to the public, used to communicate news, events, and information related the Environmental Mitigation Trust Fund (Mitigation Fund). The listserv, NevadaVWFund, is advertised through the NDEP website and at public events related to the Mitigation Fund.

Furthermore, the Senate Committee on Finance and the Assembly Committee on Ways and Means of the Nevada Legislature has requested¹ "that the Division of Environmental Protection provide semiannual reports to the Interim Finance Committee regarding the status of the Volkswagen settlement and the Mitigation Fund, including recommendations by established working groups for the proposed activities to be supported by the settlement funds, and the process established to distribute settlement funds in accordance with the settlement terms.". The meetings of the Interim Finance Committee follow the Nevada Open Meeting Law (Nevada Revised Statues Chapter 241).

This commitment by the NDEP is subject to the following Nevada laws governing the publication of confidential business information and personally identifiable information.

Chapters 603A and 239B of the Nevada Revised Statutes (NRS) provide definitions and requirements for handling *personal information*.

¹ Letter from state Senator Joyce Woodhouse, Chair of the Senate Committee on Finance - September 29, 2017

NRS Section 603A.040 defines ‘Personal Information’ as:

1. *“Personal information” means a natural person’s first name or first initial and last name in combination with any one or more of the following data elements, when the name and data elements are not encrypted:*
 - (a) *Social security number.*
 - (b) *Driver’s license number, driver authorization card number or identification card number.*
 - (c) *Account number, credit card number or debit card number, in combination with any required security code, access code or password that would permit access to the person’s financial account.*
 - (d) *A medical identification number or a health insurance identification number.*
 - (e) *A user name, unique identifier or electronic mail address in combination with a password, access code or security question and answer that would permit access to an online account.*
2. *The term does not include the last four digits of a social security number, the last four digits of a driver’s license number, the last four digits of a driver authorization card number or the last four digits of an identification card number or publicly available information that is lawfully made available to the general public from federal, state or local governmental records.*

NRS Section 239B.030 – *Recorded, filed or otherwise submitted documents* - states that:

1. *Except as otherwise provided in subsections 2 and 6, a person shall not include and a governmental agency shall not require a person to include any personal information about a person on any document that is recorded, filed or otherwise submitted to the governmental agency on or after January 1, 2007.*
2. *If personal information about a person is required to be included in a document that is recorded, filed or otherwise submitted to a governmental agency on or after January 1, 2007, pursuant to a specific state or federal law, for the administration of a public program or for an application for a federal or state grant, a governmental agency shall ensure that the personal information is maintained in a confidential manner and may only disclose the personal information as required:*
 - (a) *To carry out a specific state or federal law; or*
 - (b) *For the administration of a public program or an application for a federal or state grant.*

➤ *Any action taken by a governmental agency pursuant to this subsection must not be construed as affecting the legality of the document.*
3. *A governmental agency shall take necessary measures to ensure that notice of the provisions of this section is provided to persons with whom it conducts business. Such notice may include, without limitation, posting notice in a conspicuous place in each of its offices.*
4. *A governmental agency may require a person who records, files or otherwise submits any document to the governmental agency to provide an affirmation that the document does not contain personal information about any person or, if the document contains any such personal information, identification of the specific law, public program or grant that requires the inclusion of the personal information. A governmental agency may refuse to record, file or otherwise accept a document which does not contain such an affirmation when required or any document*

which contains personal information about a person that is not required to be included in the document pursuant to a specific state or federal law, for the administration of a public program or for an application for a federal or state grant.

5. *Each governmental agency may ensure that any personal information contained in a document that has been recorded, filed or otherwise submitted to the governmental agency before January 1, 2007, which the governmental agency continues to hold is:*

(a) Maintained in a confidential manner if the personal information is required to be included in the document pursuant to a specific state or federal law, for the administration of a public program or for an application for a federal or state grant; or

(b) Obliterated or otherwise removed from the document, by any method, including, without limitation, through the use of computer software, if the personal information is not required to be included in the document pursuant to a specific state or federal law, for the administration of a public program or for an application for a federal or state grant.

↪ *Any action taken by a governmental agency pursuant to this subsection must not be construed as affecting the legality of the document.*

6. *A person may request that a governmental agency obliterate or otherwise remove from any document submitted by the person to the governmental agency before January 1, 2007, any personal information about the person contained in the document that is not required to be included in the document pursuant to a specific state or federal law, for the administration of a public program or for an application for a federal or state grant or, if the personal information is so required to be included in the document, the person may request that the governmental agency maintain the personal information in a confidential manner. If any documents that have been recorded, filed or otherwise submitted to a governmental agency:*

(a) Are maintained in an electronic format that allows the governmental agency to retrieve components of personal information through the use of computer software, a request pursuant to this subsection must identify the components of personal information to be retrieved. The provisions of this paragraph do not require a governmental agency to purchase computer software to perform the service requested pursuant to this subsection.

(b) Are not maintained in an electronic format or not maintained in an electronic format in the manner described in paragraph (a), a request pursuant to this subsection must describe the document with sufficient specificity to enable the governmental agency to identify the document.

↪ *The governmental agency shall not charge any fee to perform the service requested pursuant to this subsection.*

7. *As used in this section:*

(a) "Governmental agency" means an officer, board, commission, department, division, bureau, district or any other unit of government of the State or a local government.

(b) "Personal information" has the meaning ascribed to it in [NRS 603A.040](#).

Chapter 239 of the NRS provides general principles for the definition and the handling of public records. In particular, subsection 239.010.3 states that:

A governmental entity that has legal custody or control of a public book or record shall not deny a request made pursuant to subsection 1 to inspect or copy or receive a copy of a public book or record on the basis that the requested public book or record contains information that is

confidential if the governmental entity can redact, delete, conceal or separate the confidential information from the information included in the public book or record that is not otherwise confidential.

Chapter 445B of the NRS (Air Controls) specifically provides further directions on what is confidential information and how such information must be handle in the context of the Air Program of the NDEP. In particular section 445B.570 – *Confidentiality and use of information obtained by Department*²; penalty – states that (footnotes added for clarity):

1. *Any information which the Department obtains in the course of the performance of its duties pursuant to the provisions of this chapter is public information unless otherwise designated as confidential information pursuant to the provisions of this section.*
2. *The emission of an air contaminant which has an ambient air quality standard or emission standard or has been designated as a hazardous air pollutant by regulation of the Commission cannot be certified as being confidential.*
3. *Any confidential information received by the Commission³, the Director⁴ or any local control authority which is certified in writing to the recipient as confidential by the owner or operator disclosing the information and verified and approved in writing as confidential by the recipient must, unless the owner expressly agrees to its publication or availability to the public, be used only:
 - (a) *In the administration or formulation of air pollution controls;*
 - (b) *In compiling or publishing analyses or summaries relating to the condition of the outdoor atmosphere which do not identify any owner or operator or reveal any confidential information;*or
 - (c) *In complying with federal statutes, rules and regulations.**
4. *This section does not prohibit the use of confidential information in a prosecution for the violation of any statute, ordinance or regulation for the control of air pollution.*
5. *A person who discloses or knowingly uses confidential information in violation of this section is guilty of a misdemeanor, and is liable in tort for any damages which may result from such disclosure or use.*
6. *As used in this section, “confidential information” means information or records which:
 - (a) *Relate to dollar amounts of production or sales;*
 - (b) *Relate to processes or production unique to the owner or operator; or*
 - (c) *If disclosed, would tend to affect adversely the competitive position of the owner or operator.**

² Nevada Department of Conservation and Natural Resources (DCNR)

³ Nevada State Environmental Commission

⁴ Director of the Department of Conservation and Natural Resources

ATTACHMENT B

**ELIGIBLE MITIGATION ACTION MANAGEMENT PLAN INCLUDING DETAILED
BUDGET AND IMPLEMENTATION AND EXPENDITURES TIMELINE**

Name of Applicant:	Mt. Wheeler Power, Inc. (MWP, Inc.)	Name of Project:	Charging Station near the Junction of Highways 6, 50 & 93.
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Task/ Milestone	Start Date	Activity	Deliverable	Detailed Description	Completion Date
Task/Milestone 1		<i>Site Selection</i>	<i>Report to GOE will include a map of the location with the on-site power availability (e.g., 3-phase) Expect approximately 10% of the budget will be allocated for this Task/Milestone</i>	<i>There were numerous inquiries by MWP, Inc. into community interest and site availability. We only had one party interested and the location and accessibility are good. NDOT will provide signage and it will be close to our Ely Office so we can monitor is frequently. It is at the Junction of Hwy 6, 50 & 93 with various gas stations and fast food restaurants nearby. The site is not too far from our power lines and with some gravel/roadbase added to the existing site it should be functional/accessible. This work, as winter is here, will probably be initiated in the late spring once the frost has lifted. Projected completion dates on all the following milestones will be "ballparked" due to our elevation and weather plus receiving/shipping of equipment has some unknown lead times. The location has been chosen as I required it in order to evaluate, design and formulate costs. Milestones are "ballpark" as this is our first project of this type, so it may be somewhat "gray".</i>	Completed. We have the site located and approved by the land-owner.
Task/Milestone 2		<i>Design</i>	<i>Report to GOE will include the drawings, specifications, etc. Expect approximately 15% of the budget will be allocated for this Task/Milestone</i>	<i>Designs/Specs for the concrete and protective roof structure will be initiated as soon as this is approved by GOE.</i>	Approximately by the end of April.
Task/Milestone 3		<i>Equipment purchase</i>	<i>Report to GOE will include the equipment specifications.</i>	<i>Equipment is specified, and distributor is just waiting for our monies along with our Notice to Proceed.</i>	As soon as we receive approval and funding from GOE.

Task/ Milestone	Start Date	Activity	Deliverable	Detailed Description	Completion Date
			<i>Expect approximately 35% of the budget will be allocated for this Task/Milestone</i>		
Task/Milestone 4		<i>Construction/Installation</i>	<i>Report to GOE will include construction start/end dates, labor used (e.g., in-house, subcontract) Expect approximately 35% of the budget will be allocated for this Task/Milestone</i>	<i>We will construct gravel pad, concrete pad, steel support/metal roof structure, conduit, sleeves, transformer, metering, installation of chargers (as soon as delivered – along with loadside Contractor availability), etc. This will be a step by step procedure with future steps depending upon previous steps completed... Depends upon lead times of chargers...</i>	Approximately near the end of July or August.
Task/Milestone 5		<i>Final Close-out</i>	<i>Final report to GOE will include wrap-up of the project, photos of the completed installation, final invoices for equipment purchases and post construction design updates (as-built drawings, specs, costs). Expect approximately 5% of the budget will be allocated for this Task/Milestone</i>	<i>Final approvals, drawings, inspections, costs, etc.</i>	Approximately near the end of September or October.

Notes: Complete the table above. The items pre-populated are suggested items. Percentages noted are estimates and are adjustable, based on the individual subgrantee. Tie each Task/milestone to the budget on the budget template provided. Provide a more detailed description of the work that will take place in order to complete each Task/Milestone, including information on how the Deliverable will be produced and to what specifications.

Construction Estimates for Charging Stations
 Jesse Murdock, Engr. Mgr.
 9/11/2018

	Qty	\$\$ @	\$\$\$	
Greenlots Quote				
Level 2 BTC Power Outdoor Rated Commercial Pedestal, Dual Connector, Level 2 EVSE (Includes POS: PC Board w/Controller, 7" Touch Screen Monitor, PCI-DSS Compliant Card Reader, Networked)	1	\$4,554.00	\$4,554.00	
"Single Phase 240 Volt"				
10-111 BTC Power Cable Retractor (s)	2	\$320.00	\$640.00	
Data Fees (per year)	1	\$192.00	\$192.00	per year
MWP Branding Decal	1	\$300.00	\$300.00	
SKY 5-Year Fleet License(s)	2	\$1,700.00	\$3,400.00	
Extended Level 2 BTC Warranty (Extends to 5 Years)	1	\$945.00	\$945.00	
BTC Power 50kW DCFC Dual Port/Connector - Slim Line Pedestal				
"3-Phase 480 Volt"				
Power Rating 50kW				
Connectors CHAdemo, SAE J1772 Combo				
Network RFID & Credit Card Reader				
Input Power 480 Volt 3-Phase				
Input Breaker 100A				
Frequency 60Hz				
Efficiency Rating >90%				
Max Output DC Current 125A (50kW)				
Max Output DC Voltage 50-500 V				
Operating Temperature 120°C to 45°C				
Dimensions ~ 28" wide x 72.75" high x 10" deep				
BTC CradlePoint Cellular Modem (Verizon)	1	\$894.00	\$894.00	
Data Fees (per year)	1	\$192.00	\$192.00	per year
MWP Branding Decal	1	\$750.00	\$750.00	larger area available
SKY 5-Year Fleet License Add-on (\$425.00/Year Contract)	1	\$2,125.00	\$2,125.00	
Extended BTC Power Warranty (Extends to 5 Years)	1	\$3,200.00	\$3,200.00	
SKY Commissioning (\$150.00/Station)	2	\$150.00	\$300.00	
Preventative Maintenance (\$1,200/Site/Year - 2 Visits/Year)	1	\$1,200.00	\$1,200.00	per year
Ground Freight & Handling (Both units)	1	\$700.00	\$700.00	
No Sales Tax (Subtotal)>>>			\$49,372.00	
MWP Lineside Power				
150 kVA Xfmr			\$11,200.00	
Lineside Conductor, etc. w/CT Rack & 13T Meter			\$10,500.00	
Site Work (Contractor)				
Concrete/Asphalt/Gravel Trenching (Contractor)			\$18,000.00	
Concrete Pad			\$9,600.00	
Awning			\$8,800.00	
Lighting/Wi-Fi/Security Camera			\$3,600.00	
Installations Electrical (Contractor)			\$12,500.00	
License & Communication Costs				
Fast Charger/Slow Charger			\$0.00	
"included in Quotes"				
Required NDOT Signage				
Provided by NDOT (per email)			\$0.00	
Subtotal>>>			\$74,200.00	
			\$123,572.00	
Mt. Wheeler Power, Inc. Engineering Fees, etc. & Unknowns 20% Adder			\$24,714.40	
Total>>>			\$148,286.40	

PROJECTED TRUST ALLOCATIONS

ANNUAL PROJECTIONS	2019
1. Anticipated annual project funding request to be paid through the Trust	\$ 130,492.56
2. Portion of anticipated project funding request to be paid through the Trust to cover Eligible Mitigation Action Administrative Expenditures	\$ 11,862.96
3. Portion of anticipated project funding request to be paid through the Trust to cover Eligible Mitigation Action Expenditures	\$ 118,629.60
4. Anticipated annual cost share	\$ 29,657.40
5. Anticipated total project funding by year (line 1 plus line 4)	\$ 160,149.96
CUMULATIVE PROJECTIONS	
6. Cumulative outstanding Trustee payments requested against cumulative approved Beneficiary allocation	\$ 5,744,242.20
7. Cumulative Trustee payments made to date against cumulative approved Beneficiary allocation	\$ 529,311.84
8. Beneficiary funding to be paid through the Trust for this project (sum of line 1)	\$ 130,492.56
9. Total funding approved for Beneficiary Eligible Mitigation Actions, inclusive of current Action (sum of lines 6, 7, and 8)	\$ 6,404,046.60
10. Beneficiary share of estimated funds remaining in Trust	\$ 24,344,712.64
11. Estimated Beneficiary funds remaining in Trust after project completion (line 10 minus lines 6 and 8)	\$ 18,469,977.88

ATTACHMENT C

**DETAILED PLAN FOR REPORTING ON ELIGIBLE MITIGATION ACTION
IMPLEMENTATION**

ATTACHMENT C

DETAILED PLAN FOR REPORTING ON ELIGIBLE MITIGATION ACTION IMPLEMENTATION

The Nevada Division of Environmental Protection (NDEP) will provide detailed reporting on this Category 9 – Light Duty Zero Emission Vehicle Supply Equipment project in three ways: 1, timely updates to NDEP’s Volkswagen (VW) Environmental Mitigation Trust Fund webpage; 2, semiannual reporting to the Nevada Legislature’s Interim Finance Committee (IFC); and 3, Nevada’s semiannual reporting obligation to Wilmington Trust (the “Trustee”).

NDEP maintains a VW Environmental Mitigation Trust Fund specific webpage that has been designed to support public access and limit burden for the general public. The NDEP’s VW specific webpage can currently be found at <https://ndep.nv.gov/air/vw-settlement>. Timely updates to the webpage will inform the general public on the project’s status as well as when this Category 9 – Light Duty Zero Emission Vehicle Supply project has been completed.

The Senate Committee on Finance and the Assembly Committee on Ways and Means of the Nevada Legislature have requested “that the Division of Environmental Protection provides semiannual reports to the IFC regarding the status of the Volkswagen settlement and the Mitigation Fund, including recommendations by established working groups for the proposed activities to be supported by the settlement funds, and the process established to distribute settlement funds in accordance with the settlement terms.” The meetings of the IFC follow the Nevada Open Meeting Law (Nevada Revised Statutes Chapter 241). In the reports submitted to the IFC details describing the progress of implementing this Category 9 – Light Duty Zero Emission Vehicle Supply project will be provided. In the report submitted immediately following the completion of the project, details describing the completion of the project will also be provided.

Subparagraph 5.3 of the Environmental Mitigation Trust Agreement for State Beneficiaries details Nevada’s Reporting Obligations:

“For each Eligible Mitigation Action, no later than six months after receiving its first disbursement of Trust Assets, and thereafter no later than January 30 (for the preceding six-month period of July 1 to December 31) and July 30 (for the preceding six-month period of January 1 to June 30) of each year, each Beneficiary shall submit to the Trustee a semiannual report describing the progress implementing each Eligible Mitigation Action during the six-month period leading up to the reporting date (including a summary of all costs expended on the Eligible Mitigation Action through the reporting date). Such reports shall include a complete description of the status (including actual or projected termination date), development, implementation, and any modification of each approved Eligible Mitigation Action. Beneficiaries may group multiple Eligible Mitigation Actions and multiple sub-beneficiaries into a single report. These reports shall be signed by an official with the authority to submit the report for the Beneficiary and must contain an attestation that the information is true and correct and that the submission is made under penalty of perjury. To the extent a Beneficiary avails itself of the DERA Option described in Appendix D-2, that Beneficiary may submit its DERA Quarterly Programmatic Reports in satisfaction of its obligations under

this Paragraph as to those Eligible Mitigation Actions funded through the DERA Option. The Trustee shall post each semiannual report on the State Trust’s public-facing website upon receipt.”

Finally, the NDEP shall, in the next semiannual report following the Trustee’s approval of this project, describe the progress implementing this Eligible Mitigation Action that will include a summary of all costs expended on the Eligible Mitigation Action through the reporting date. The report will also include a complete description of the status, development, implementation (including project schedule and milestone updates), and any modification to this Eligible Mitigation Action.

ATTACHMENT D

**DETAILED COST ESTIMATES FROM SELECTED OR POTENTIAL VENDORS FOR
EACH PROPOSED EXPENDITURE EXCEEDING \$25,000**

25 & 50 kW Slim Line DC Fast Charger

- **Dual Port-CHAdeMO & SAE J1772 CCS-1:** Fast Charge all North American EVs
- **New Slim Profile:** Uses less walk space
- **15" Outdoor Color Display:** Easy to read messages and screen graphics
- **Integrated 18 ft. Cord Retractor:** Services 3 parking spaces, improves utilization
- **208 VAC 3P Option:** Compatible with commercial electrical service
- **Optional Single Port:** CHAdeMO or SAE J1772 CCS1

Model	L3S25-CS-480	L3S25-CS-208	L3S50-CS-480	L3S50-CS-208
Power Rating	25kW	25kW	50kW	50kW
Connector/Protocol	CHAdeMO and/or SAE J1772 Combo (CCS1)			
Network Compatibility	OCPP 1.5/1.6, EVConnect, GreenLots, EVGo, Innogy, BTCP Network			
Access Control•Communication	RFID, Credit Card • 3G/4G, Cat-5 Ethernet			
Input Power VAC 3 Phase	480 VAC	208 VAC	480 VAC	208 VAC
Input Power AC Current	38A	87A	75A	175A
Efficiency Rating	>90%			
Max Output DC Current	52A		125A	
Max Output DC Voltage	50-500V			
Plug Out Detection	Power terminated per SAE J-1772 specifications			
Surge Protection	6000 VAC			
Ambient Condition	-20C to +50C, 95% humidity, 6000 ft altitude			
Dimension/Weight	26"w, 72"h x 12"d / 650 lbs			
Safety Compliance	ETL listed for USA and Canada: Complies with UL 2202, UL 2231 UL50E, NEC Article 625, CSA STD C22.2 No. 107.1, FCC Part 15 Class A			

Available Late Q1-2018



BTCPower

WWW.BTCPower.COM

1719 S Grand Ave
Santa Ana CA, 92705

DUAL PORT 30A AMP LEVEL 2 COMMERCIAL CHARGING STATION PEDESTAL



- DUAL PORT 30A LEVEL 2
- CHARGING PROTOCOL: SAE J-1772
- 7.2 KW PER PORT
- NEMA 3R HOUSING
- OCPP COMPLIANT
- 7" COLOR SCREEN
- UL COMPLIANT—ETL CERTIFIED
- OPTIONS
 - CABLE RETRACTOR
 - CREDIT CARD SCANNER
 - 3G/4G GPRS Modem
 - V2G per ISO 15118 (June 2018)

Model #	EVP-2002-30
Power per Port	7.2 kW (240V AC @ 30A)
Electrical Service	
Power	240/208 VAC, 30A Load with 40A Branch Circuit Per Port
Service Panel	40A Dual Breakers Per Port (No GFCI)
Service Wiring	3-wire (L1, L2, Earth Ground)
Functional Interfaces	
Connector Type	SAE J1772
Charging Protocol	SAE J1772
Standard Cable Length	>18 ft
Cable Retractor (option)	Counter Weight Overhead Retractor ADA compliant
LCD Display	1500 nits 7" color, 800 x 480, UV protected
Card Reader	ISO 14443 Type A&B, ISO 18092 NFC
Vehicle to Grid (option)	ISO 15118 (available June 2018)
Safety and Connectivity	
Ground Fault Detection	5mA CCID trip with 3 x automatic restarts
Detect Coupler Removal	Per SAE J1772™
Power Measurement	Accuracy: ± 2% from 5% to full scale (30A)
Power Report Interval	Every 15 minute on the hour
LAN (Optional)	2.4 GHz Wi-Fi (802.11 b/g/n)
Wide Area Network	3G/4G GSM, 3G/4G CDMA
Communication Protocols	OCPP 1.5, OCPP 1.6
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
Surge Protection	6KV @ 3000A
Operating Temperature	-30°C to +50°C (-22°F to 122°F)
Storage Temperature	-30°C to +50°C (-22°F to 122°F)
Altitude	6000 ft
Humidity	85% non condensing