



Electric vehicle AC Charger

BNZO 22 – User Manual

EVB-AC-B2X11DHD

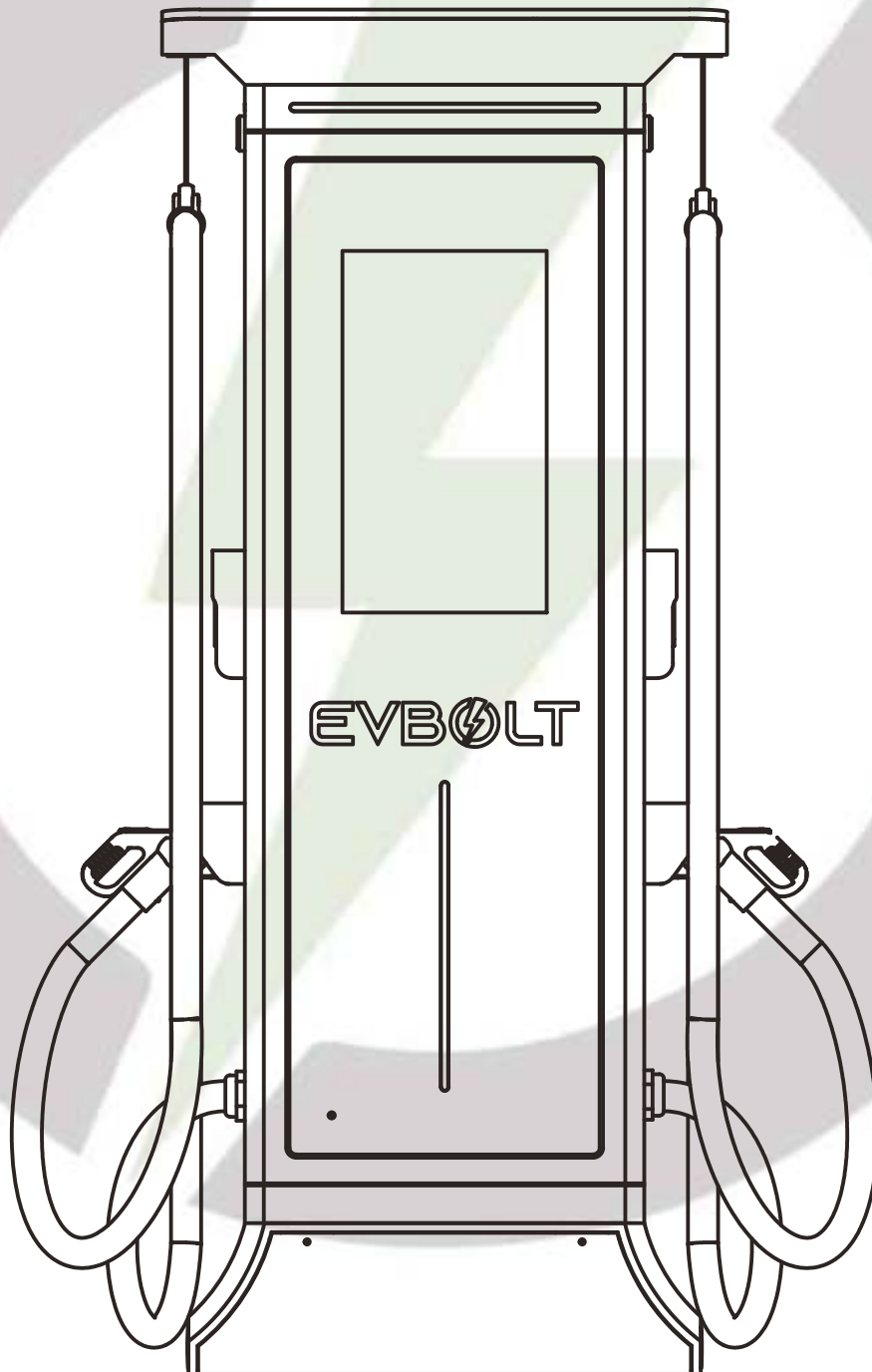




Table of Contents

1.	Introduction	1
2.	Important Safety Instructions.....	2
3.	Federal Communication Commission Interference Statement.....	4
4.	Industry Canada Statement:.....	5
5.	Interface.....	7
6.	Dimensions.....	8
7.	Specifications	10
8.	Status Description.....	12
9.	Installation Instructions	13
9.1	Contractor Safety Guide	13
9.2	Safety Requirements.....	17
9.3	Packing List.....	18
9.4	Tools and Materials Required.....	19
9.4.1	Recommended Tools for Installation.....	19
9.4.2	Recommended Tools for Inspection & Commissioning	19
9.5	Unpacking the Charger.....	20
9.6	Installation Procedure	23
9.6.1	Required Space for Placing and Maintaining	23
9.6.2	Built Concrete Base.....	24
9.6.3	Installation.....	26
9.6.4	Installing cable management (optional).....	29
10.	Operating Instructions	30
10.1	Operating Steps (ONLINE)	30
10.1.1	EV BOLT iOS/Android Application	30
10.1.2	EV BOLT WebApp.....	30
10.2	Operating Steps (OFFLINE).....	31
10.2.1	Plug-n-Play.....	31
10.2.2	RFID Authentication	31
10.2.3	Password	33
10.3	Error and Warning Message	34
11.	Maintenance and Repair	35
11.1	Daily Maintenance.....	35
11.2	Maintenance Spares.....	35
11.3	Warranty and Maintenance.....	36



1. Introduction

Introducing the Future of Electric Vehicle Charging: BNZO 22, the standalone AC EV Charger with Dual Ports and 21.5" Advertisement Screen.

Revolutionize the way you charge your electric vehicles with our cutting-edge BNZO 22. Designed to elevate your charging experience, this state-of-the-art solution combines advanced technology, user-friendly features, and a sleek design to meet all the EV charging needs.

Unparalleled Convenience: Say goodbye to waiting in line or dealing with complicated charging processes. Our dual-port AC EV charger allows you to charge two electric vehicles simultaneously, ensuring you and your friends are back on the road faster than ever. No more scheduling conflicts or unnecessary downtime – keep your electric vehicles charged and ready to go at your convenience.

Intuitive 21.5" Screen: Stay informed and in control with the integrated 21.5" display. The high-definition screen provides an opportunity to generate additional income with cloud-based advertisement.

Sleek and Durable Design: Crafted with both form and function in mind, our Standalone AC EV Charger seamlessly blends into any environment. The sleek and modern design is not only visually appealing but also built to withstand the rigors of daily use and changing weather conditions. Its sturdy construction ensures years of reliable service, making it an investment that pays dividends over time.

Smart Connectivity: Connect and control your charging sessions remotely through the power of smart technology. Our AC EV charger is equipped with integrated Wi-Fi/4G and mobile app compatibility, enabling you to monitor, schedule, and manage charging sessions from the palm of your hand. Whether you're at home, at the office, or on the go, you'll always have complete control over your EV's charging process.

Energy Efficiency: We understand the importance of sustainable charging solutions. Our AC EV charger is designed to maximize energy efficiency, optimizing power delivery to your vehicles while minimizing energy waste. This not only reduces your carbon footprint but also helps you save on electricity costs in the long run.

Experience the future of EV charging with our BNZO 22. Elevate your charging routine with dual ports for flexibility, a large 21.5" screen for cloud-based advertisement that put you in control. Join the electric revolution and make every charge a seamless and enjoyable part of your day.

2. Important Safety Instructions

Please read all Important Safety Instructions as well as charging instructions in your vehicle owner's manual before attempting to charge your electric vehicle. Failure to do so can result in death or severe injury. Save this user manual for future reference. There are many safety features built into the charger. Read all the safety information and warnings in this manual to avoid any risks or hazards and risks associated with using this charger.

CAUTION WARNING!

INSTRUCTIONS PERTAINING TO A RISK OF FIRE OR ELECTRIC SHOCK

IMPORTANT SAFETY INSTRUCTIONS, SAVE THESE INSTRUCTIONS

- a) Read all the instructions before using this product.
- b) This device should be supervised when used around children.
- c) Do not put fingers into the electric vehicle connector.
- d) Do not use this product if the flexible power cord or EV cable is frayed, had broken insulation, or any other signs of damage.
- e) Do not use this product if the enclosure or the EV connector is broken, cracked, open, or shows any other indication of damage.
- f) This charging pile cannot be dismantled, repaired or modified by the customer.
- g) To reduce the risk of fire, connect only to a circuit provided branch circuit over-current protection in accordance with the CSA C22.1–15 Canadian Electrical Code, Part 1 (Canada) or NOM-001-SEDE Electrical installation (utility) (Mexico) or ANSI / NFPA 70 National Electrical Code (USA).

h) WARNING

GROUNDING INSTRUCTIONS

This product must be connected to a grounded, metal, permanent wiring system, or an equipment-grounding conductor must be run with the circuit conductors and connected to the equipment grounding terminal or lead on the product.

- i) When any fault occurs, the product is prohibited to use, the user is prohibited to repair, must be sent to the after-sales maintenance or call the after-sales service for help.

Consignes de sécurité importantes

Veuillez lire toutes les instructions de sécurité importantes ainsi que les instructions de chargement dans le manuel du propriétaire de votre véhicule avant d'essayer de recharger votre véhicule électrique. Ne pas le faire peut entraîner la mort ou des blessures graves. Conservez ce manuel d'utilisation pour référence future. De nombreuses fonctionnalités de sécurité sont intégrées au chargeur. Lisez toutes les informations de sécurité et les avertissements contenus dans ce manuel pour éviter tout risque ou danger et risque associé à l'utilisation de ce chargeur.

CAUTION WARNING!

INSTRUCTIONS AYANT TRAIT À UN RISQUE D'INCENDIE OU DE CHOC ÉLECTRIQUE

INSTRUCTIONS IMPORTANTES CONCERNANT LA SÉCURITÉ

- a) Lisez toutes les instructions avant d'utiliser ce produit.
- b) Ce dispositif devrait être supervisé lorsqu'il est utilisé autour des enfants.
- c) Ne mettez pas les doigts dans le connecteur du véhicule électrique.
- d) N'employez pas ce produit si le cordon d'alimentation flexible ou le câble EV est effiloché, a l'isolation cassée, ou tout autre signe de dommages.
- e) N'utilisez pas ce produit si le boîtier ou le connecteur EV est cassé, fissuré, ouvert, ou montre toute autre indication de dommages.
- f) Cette pile de charge ne peut être démontée, réparée ou modifiée par le client.
- g) Pour réduire le risque d'incendie, branchez uniquement un circuit pourvu d'une protection contre les surintensités de circuit de branche conformément à la norme CSA C22.1–15 du Code canadien de l'électricité, partie 1 (Canada) ou à la norme NOM-001-SEDE Electrical installations (utility) (Mexique) ou à la norme ANSI / NFPA 70 du Code National de l'électricité (États-Unis).
- h) **CONSIGNES DE MISE À LA TERRE** Ce produit doit être raccordé à un réseau de câblage mis à la terre, métallique et permanent, ou un conducteur de mise à la terre de l'appareil doit être ajouté au circuit et raccordé à la borne de terre de l'appareil ou au conducteur d'alimentation de l'appareil.
- i) Quand n'importe quel défaut se produit, le produit est interdit pour employer, l'utilisateur est interdit pour réparer, doit être envoyé à l'entretien après-vente ou appeler le service après-vente pour l'aide.

3. Federal Communication Commission Interference Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1)

This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device complies with Part 15 of the FCC Rules / Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

MPE Requirements

To satisfy FCC / IC RF exposure requirements, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during device operation.

To ensure compliance, operations at closer than this distance is not recommended.

Les antennes installées doivent être situées de façon à ce que la population ne puisse y être exposée à une distance de moins de 20 cm.

Installer les antennes de façon à ce que le personnel ne puisse approcher à 20 cm ou moins de la position centrale de l'antenne.

La FCC des États-Unis stipule que cet appareil doit être en tout temps éloigné d'au moins 20 cm des personnes pendant son fonctionnement.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

4. Industry Canada Statement:

This device complies with ISED's license-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Radiation Exposure Statement:

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with greater than 20cm between the radiator & your body.

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé à plus de 20 cm entre le radiateur et votre corps.

This device is intended only for OEM integrators under the following conditions: (For module device use) The antenna must be installed and operated with greater than 20cm between the antenna and users, and the transmitter module may not be co-located with any other transmitter or antenna.

As long as the 2 conditions above are met, further transmitter test will not be required. However, the OEM integrator is still responsible for testing their end-product for any additional compliance requirements required with this module installed.

Cet appareil est conçu uniquement pour les intégrateurs OEM dans les conditions suivantes: (Pour utilisation de dispositif module)

- 1) L'antenne doit être installée et exploitée avec plus de 20 cm entre l'antenne et les utilisateurs, et
- 2) Le module émetteur peut ne pas être coïmplanté avec un autre émetteur ou antenne.

Tant que les 2 conditions ci-dessus sont remplies, des essais supplémentaires sur l'émetteur ne seront pas nécessaires. Toutefois, l'intégrateur OEM est toujours responsable des essais sur son produit final pour toutes exigences de conformité supplémentaires requis pour ce module installé.

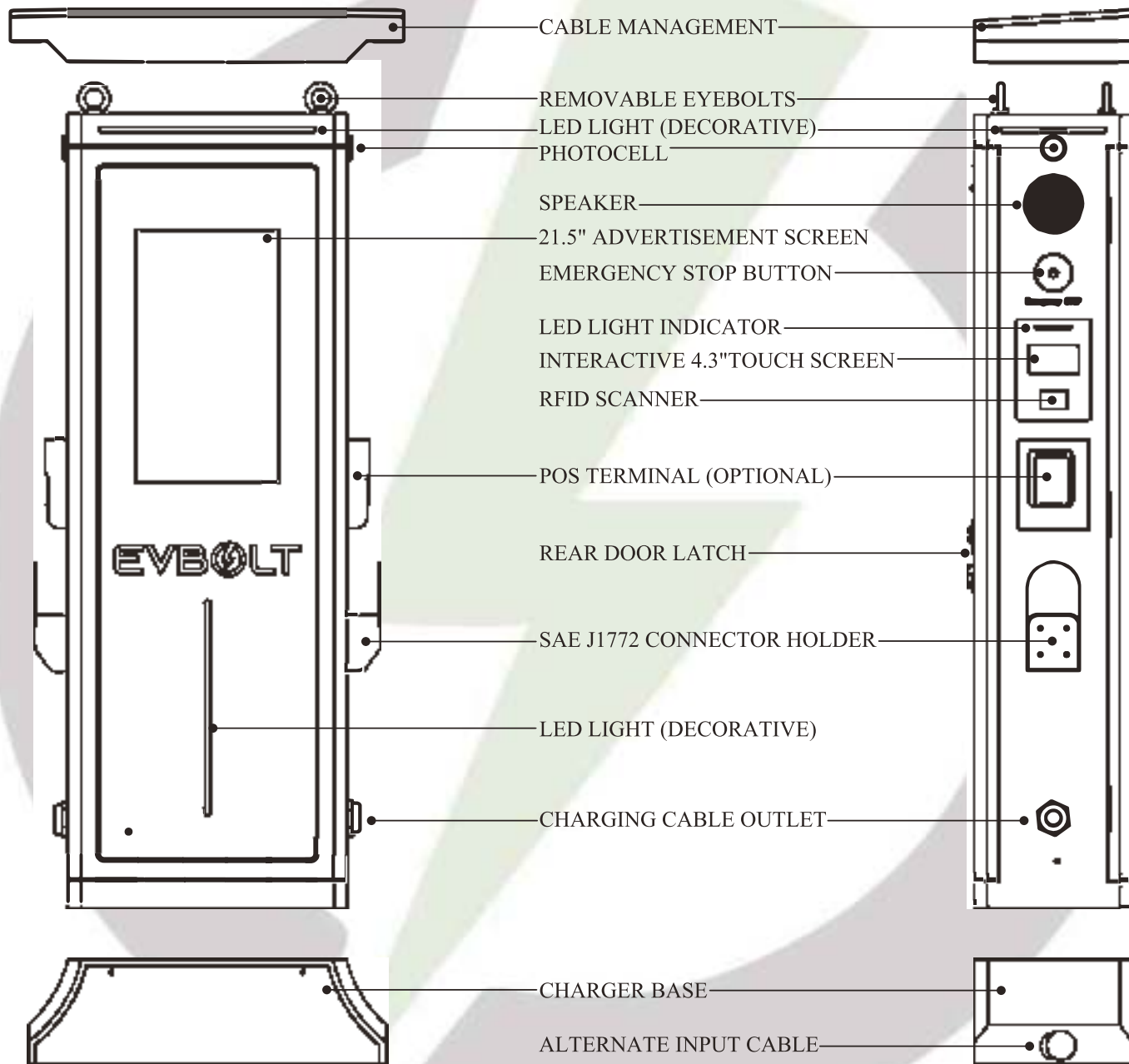
IMPORTANT NOTE:

In the event that these conditions cannot be met (for example certain laptop configurations or co-location with another transmitter), then the Canada authorization is no longer considered valid and the IC ID cannot be used on the final product. In these circumstances, the OEM integrator will be responsible for re-evaluating the end product (including the transmitter) and obtaining a separate Canada authorization.

NOTE IMPORTANTE:

Dans le cas où ces conditions ne peuvent être satisfaites (par exemple pour certaines configurations d'ordinateur portable ou de certaines co-localisation avec un autre émetteur), l'autorisation du Canada n'est plus considéré comme valide et l'ID IC ne peut pas être utilisé sur le produit final. Dans ces circonstances, l'intégrateur OEM sera chargé de réévaluer le produit final (y compris l'émetteur) et l'obtention d'une autorisation distincte au Canada.

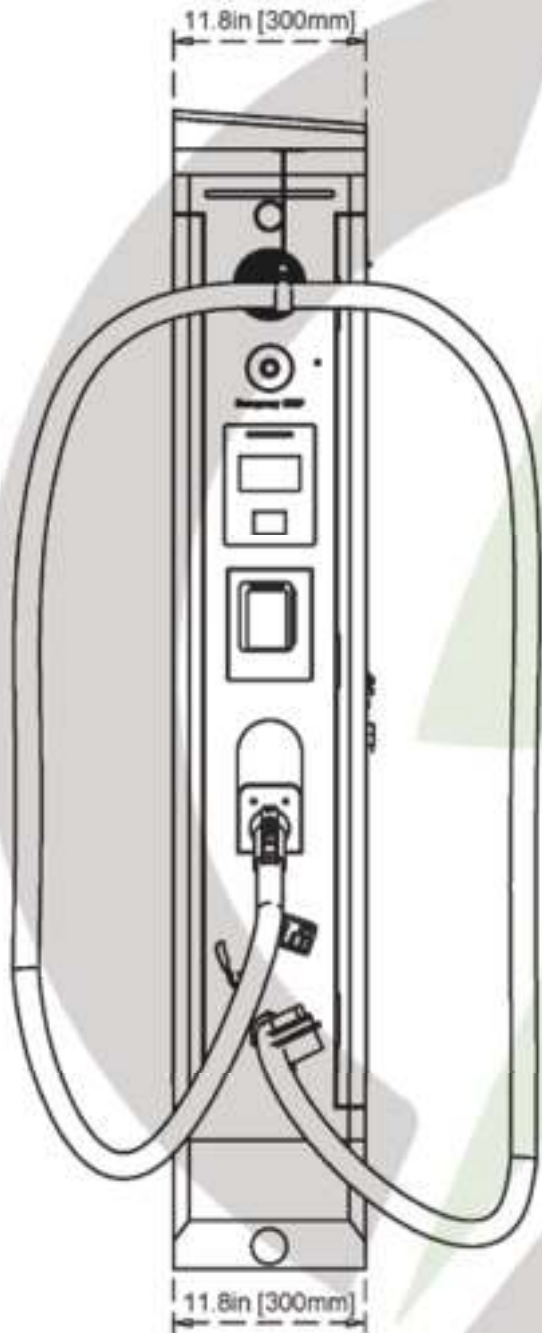
5. Interface



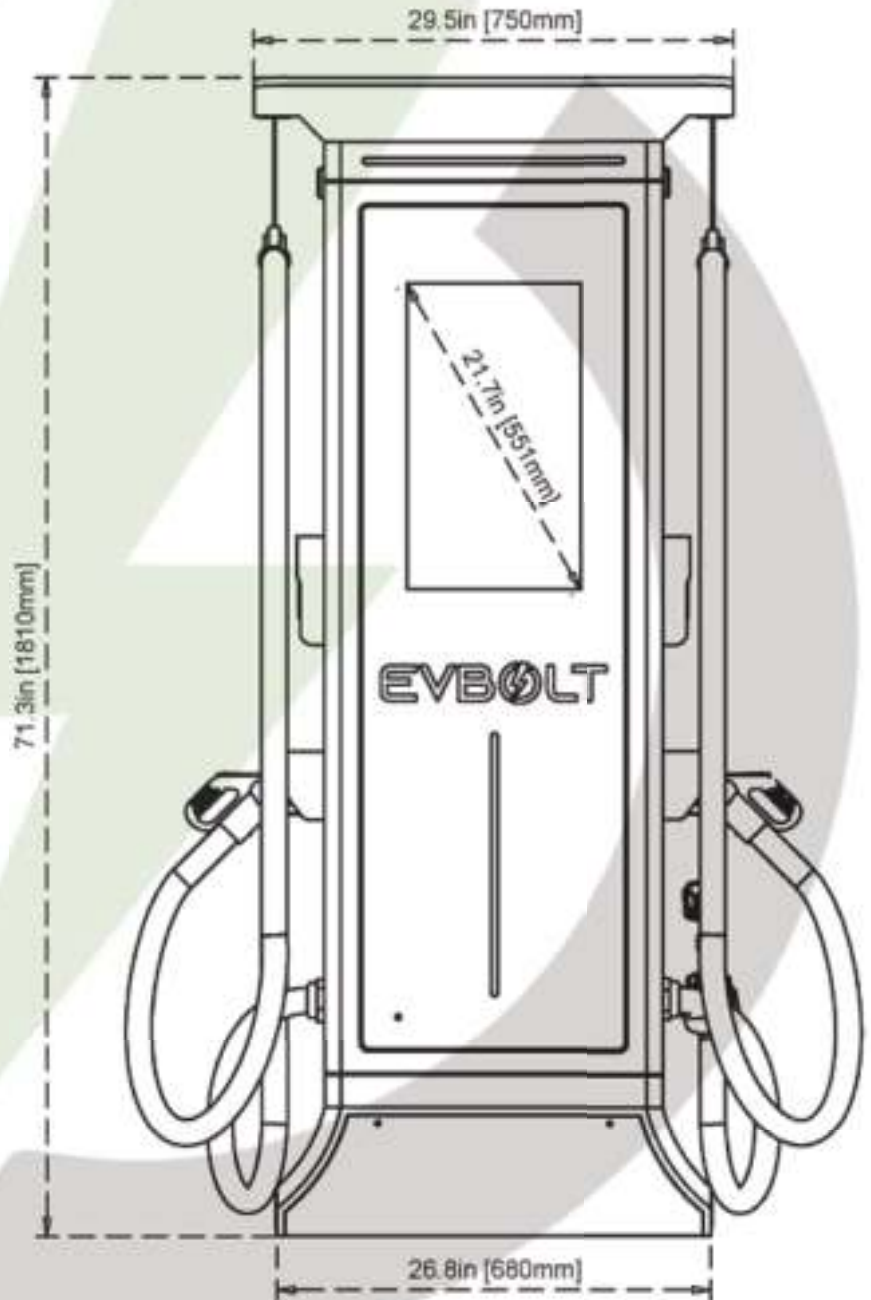
FRONT VIEW

SIDE VIEW

6. Dimensions (With Cable Management)



SIDE VIEW



FRONT VIEW