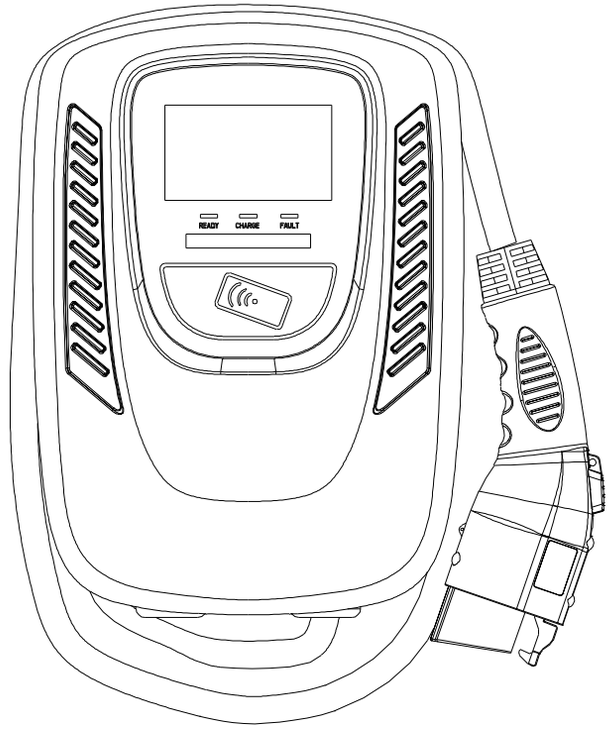
Electric Vehicle AC Charger

GMEV40CIC1B-WC- User Manual



⚠ WARNING

1. Important Safety Instructions

WARNING – This manual contains important instructions for Models:
GMEV40CIC1B-WC that shall be followed during installation, operation and maintenance of the unit.
1) Read all the instructions before using this product.
2) This device should be supervised when used around children.
3) Do not put fingers into the electric vehicle connector.
4) Do not use this product if the flexible power cord or EV cable is frayed, has broken insulation, or any other signs of damage.
5) Do not use this product if the enclosure or the EV connector is broken, cracked, open, or shows any other indication of damage.
6) 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 installations (utility) (Mexico) or ANSI / NFPA 70 National Electrical Code (USA).

Circuit Breaker Options table				
Output Amperage (A)	16A	32A	40A	48A
Circuit Breaker Options (A)	20A	40A	50A	60A

7) To avoid a risk of fire or electric shock, do not use this device with an extension cord.
8) THE SUITABILITY OF THE USE OF FLEXIBLE CORD IN ACCORDANCE WITH CE CODE, PART I, RULE 4-012, IS TO BE DETERMINED BY THE LOCAL INSPECTION AUTHORITY HAVING JURISDICTION.
9) Risk of electric shock. Do not remove cover or attempt to open the enclosure. No user serviceable parts inside. Refer servicing to qualified service personnel.

⚠ WARNING

AVERTISSEMENT – Ce manuel contient des instructions importantes pour les modèles : série GMEV40CIC1B-WC qui doit être suivie pendant l'installation, le fonctionnement et la maintenance de l'unité.
1) Lisez toutes les instructions avant d'utiliser ce produit.
2) Cet appareil doit être surveillé lorsqu'il est utilisé à proximité d'enfants.
3) Ne pas mettre les doigts dans le connecteur du véhicule électrique.
4) N'utilisez pas ce produit si le cordon d'alimentation flexible ou le câble EV est effiloché, a une isolation cassée, ou tout autre signe de dommage.
5) N'utilisez pas ce produit si le boîtier ou le connecteur EV est cassé, fissuré, ouvert ou montre toute autre indication de dommage.
6) Pour réduire les risques d'incendie, ne connecter qu'à un circuit protection contre les surintensités des circuits de dérivation conformément à la norme canadienne CSA C22.1-15 Code électrique, partie 1 (Canada) ou NOM-001-SEDE Installations électriques (service public) (Mexique) ou ANSI / NFPA 70 National Electrical Code (États-Unis).

Circuit Breaker Options table				
Output Amperage (A)	16A	32A	40A	48A
Circuit Breaker Options (A)	20A	40A	50A	60A

7) Pour éviter tout risque d'incendie ou de choc électrique, n'utilisez pas cet appareil avec une rallonge.
8) L'ADÉQUATION DE L'UTILISATION DU CORDON FLEXIBLE SELON LE CODE CE,LA PARTIE I, RÈGLE 4-012, DOIT ÊTRE DÉTERMINÉE PAR L'AUTORITÉ LOCALE D'INSPECTION AYANT JURIDICTION.
9) Risque de choc électrique. Ne retirez pas le couvercle et n'essayez pas d'ouvrir le boîtier. Aucun utilisateur pièces réparables à l'intérieur. Confiez l'entretien à un personnel d'entretien qualifié.

⚠ WARNING

This device complies with part 15 of the FCC Rules.

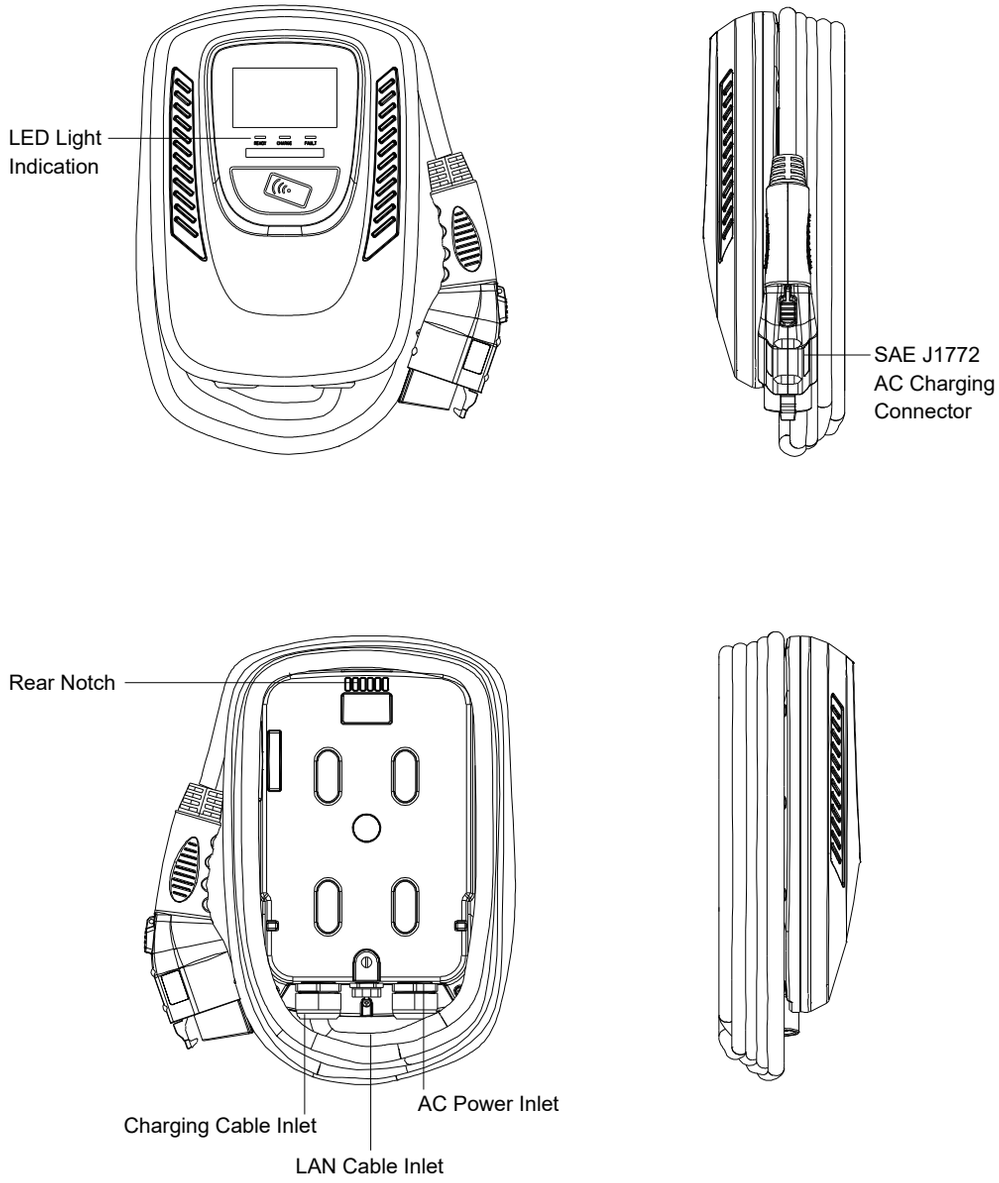
Operation is subject to the following two conditions:
This device may not cause harmful interference, and this device must accept any interference received, including interference that may cause undesired operation.

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

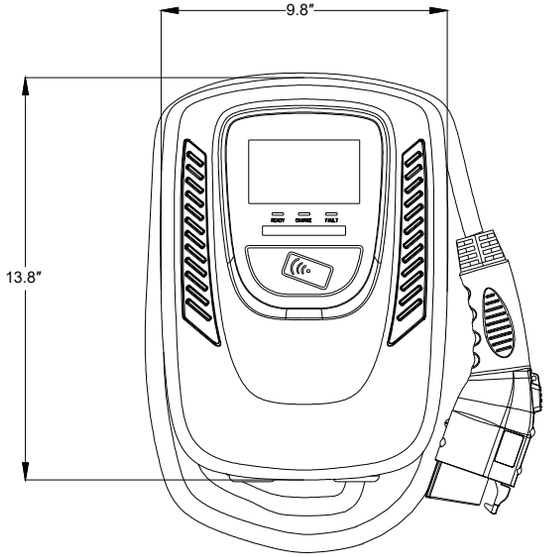
Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment 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.
WIFI module： Contians FCC ID:2AC7Z-ESPWROOM32D
WIFI module: Contains IC: 21098-ESPWROOM32

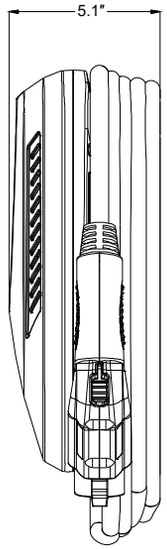
To satisfy FCC RF exposure requirements, a separation distance of 20cm or more should be maintained between the antenna of this device and persons during device operation. To ensure compliance, operations at closer than this distance is not recommended.

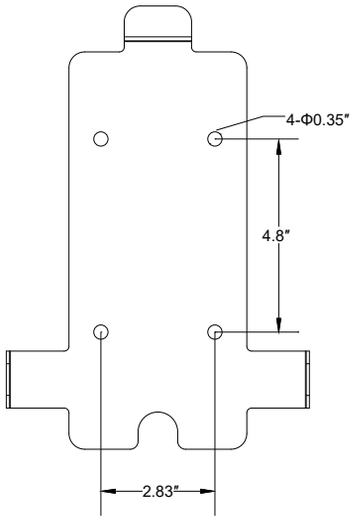
2. Basic Interface



3. Dimensions







4. Design Standard

UL 2594: Electric Vehicle Supply Equipment

UL 2231-1: Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits: General Requirements

UL 2231-2: Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits: Particular Requirements for Protection Devices for Use in Charging Systems

UL 2251: Plugs, Receptacles and Couplers for Electric Vehicles

UL 62: Flexible Cords and Cables

UL 991: Tests for Safety-Related Controls Employing Solid-State Devices

UL 1998: Software in Programmable Componets

NFPA 70 Article 625: National Electrical Code, Electric Vehicle Charging System

UL 840 (Clearance and Creepage)