



en Installation Instructions

Table of Contents

1



Technical Support USA: 1-877-805-EVSE (3873)

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Table of Contents

1.0	Introduction	2
	1.1 Features	2
	1.2 Applications	2
2.0	Important Safety and Grounding Instructions	2
	2.1 Safety and Compliance	2
	2.2 Service Wiring	3
3.0	Recommended Tools	3
4.0	Installing the DC Wallbox Charger	4
	4.1 Preparation	4
	4.2 Wall Mounting	4
	4.3 Installing Power Modules	5
5.0	Making the Connections	5
6.0	System Configuration	7
	6.1 Configuration Tool	8
	6.2 3G Configuration	9
	6.3 Firmware Upgrade	9
7.0	Maintenance	9
8.0	System Codes	10
9.0	Specifications	13
10.	Limited Warranty	13

1.0 Introduction

The **Power DC** ^{plus} **25kW DC Wallbox Charger** is the top choice to power plug-in electric vehicles (PHEV) and battery electric vehicles (BEV) today. It is designed for quick charging in both public and private locations, such as retail and commercial parking spaces, fleet charging stations, highway rest areas, workplace, residence, etc.

The DC Wallbox charger has the advantage of easy installation. The wall-mounting design and pluggable power modules realize flexible and cost-effective installation for different types of locations.

The DC Wallbox charger also has network communication capability. It is able to connect with remote network systems and provide drivers of electric cars realtime information, such as the location of charging stations, charging progress, and billing information.

DC Wallbox charger has a clear user interface with function buttons, safety system of power supply, and excellent waterproof and dust proof technology to provide the best choice for outdoor environments. It can also integrate with renewable energy, such as solar power and wind power technology, to provide the most energy saving infrastructure for EV system development.

1.1 Features

- Wall-mount design and pluggable power modules make installation easy and flexible.
- Offers customers the convenience of full start and stop charging control from an authorized RFID smart card or mobile APP.
- Built on latest industry standards for DC charging.
- Carries an outdoor rating capable of withstanding solid and liquid intrusions in outdoor settings making the unit more stable and highly reliable.
- Provides a high-contrast, OLED screen interface with multi-function buttons

1.2 Applications

- Public and private parking areas
- Community parking areas
- Parking areas of hotels, supermarkets and shopping malls
- Workplace parking areas
- Charging stations
- Highway rest areas
- Vehicle service departments



2.0 Important Safety and Wiring Instructions

- Be sure to preview the standard operating procedures (SOP) and ensure that local building and electrical codes are reviewed before installing the DC Wallbox charger.
- The DC Wallbox Charger should be installed by a trained technician according to the instruction manual and local safety regulations.
- Use appropriate protection when connecting to the main power distribution cable.
- CAUTION The disconnect switch for each ungrounded conductor of AC input shall be provided by others in accordance with the National Electric Code, ANSI/NFPA 70.

2.1 Safety and Compliance

- Read the manual before installation or usage of device.
- Do not put tools, material, or body parts into the electric vehicle connector.
- Do not use the DC Wallbox charger if the cabinet, power cord, or charging cable are frayed, have broken insulation, or any other signs of damaged.
- Do not install or use the DC Wallbox charger if the enclosure is broken, cracked, open, or has any other indications of damage.
- The DC Wallbox charger should be installed only by a qualified technician.
- Make sure that the materials used and the installation procedures follow local building codes and safety standards.
- The information provided in this manual in no way exempts the user of responsibility to follow all applicable codes or safety standards.

- The manufacturer is not responsible for physical injury, or damage to property or equipment caused by the installation of this device.
- This document provides instructions for the DC Wallbox charger and should not be used for any other product. Before installation or use of this product, review this manual carefully and consult with a licensed contractor, licensed electrician, or trained installation expert to ensure compliance with local building codes and safety standards.

2.2 Service Wiring

2.2.1 Ground Connection

Always connect the Neutral at the service to Earth Ground. If ground is not provided by the electrical service, you must install a grounding stake nearby. The grounding stake must be connected to the ground bar in the main breaker panel, and Neutral connected to Ground at that point.

2.2.2 200V / 208V / 240V Single-Phase

- A WARNING! If the DC Wallbox is a singlephase device, do not connect all three phases of a three-phase feed.
- ▲ CAUTION The two phases used must each measure 120V to Neutral. Earth ground must be connected to Neutral at only one point, usually at the breaker panel.



2.2.3 277V Single-Phase

CAUTION The 277V is feed from the Y-connection power grid. The DC Wallbox can connect to L1, L2 or L3, and Neutral. Earth ground must be connected to Neutral at only one point, usually at the breaker panel.



3.0 Recommended Tools

The following tools are recommended for DC Wallbox Charger installation:

- (1x) Voltmeter or digital multi-meter
- (1x) Water level
- (1x) Hammer
- (1x) Concrete drilling machine
- (1x) Wire cutters / strippers
- (1x) Torx[®] Tamper-Resistant T20 screwdriver
- (1x) No.8 Flathead screwdriver
- (1x) No.6 Flathead screwdriver
- (1x) M50 conduit hub, conduit and wrench (for main power wires)
- ▶ (1x) M25 conduit hub, conduit and wrench (for Ethernet)
- (2x) Ring terminal RNB70-10 (for #2/0 AWG L/N wire) for models with 200V, 220V or 277V singlephase input
- (1x) Ring terminal RNBS14-6 (for #6 AWG PE wire) for ground wire

IMPORTANT SAFETY INSTRUCTIONS

Save these Instructions.

 The DC Wallbox Charger should be installed only by a licensed contractor and/ or a licensed electrician in accordance with all applicable state, local, and national electrical codes and standards.

Before installing the DC Wallbox Charger, review this manual carefully and consult with a licensed contractor, licensed electrician, and trained installation expert to ensure compliance with local building practices, climate conditions, safety standards, and state and local codes.

- ▲ WARNING! Danger of electrical shock or injury. Turn OFF power at the panel board or load center before working inside the equipment or removing any component. Do not remove circuit protective devices or any other component until the power is turned OFF.
- CAUTION To avoid damage to the charger or personal injury, make sure the installation location is able to support the weight of the charger.

4.0 Installing the DC Wallbox Charger

4.1 Preparation

- 1. Open top lid of crate.
- 2. Remove top-layer protection foam.
- 3. Take out bracket, mounting template and charging plug.
- 4. Carefully place unit on a flat surface.
- NOTE: Carefully place charging plug on the ground or a flat surface at this stage.
- NOTE: Removal of power modules will reduce the weight of the unit for ease of installation.
- 5. Do the following to remove right filter cover:
 - a. Release the screws on top.
 - b. Release the screws on bottom and pull down the center pin.
 - c. Open and remove the filter cover.

WARNING! Only use a Torx[®] Tamper-Resistant T20 screwdriver to secure or remove the screws of unit. Use of any other tool may damage screws and panel.



6. Remove the two power modules from unit and place them aside for later use.



- 7. Return and secure the right filter back on unit.
- ▲ WARNING! Only use a No. 6 flathead screwdriver to secure or remove the screws of power modules. Use of any other tool may damage screws and panel.

4.2 Wall Mounting

- 1. Use template and water leveler to determine the mounting position.
- 2. Mount bracket onto the wall.



NOTE:

- Use appropriate screws for different types of walls. A drilling machine might be needed for certain conditions.
- Follow applicable accessibility requirements for the mounting position. The unit shall be mounted at a sufficient height from grade such that the height of the storage means is located between 600 mm (24 inches) and 1.2 m (4 feet) from grade per NEC Article 625.
- 3. Do the following:
 - a. Place unit onto bracket.
 - b. Align the back chassis of unit with the corresponding slot on the bracket.
 - c. Slowly slide down the unit until it sits firmly on the bracket.
 - d. Fasten two screws from the bottom.



4.3 Installing Power Modules

- 1. Do the following to remove right filter cover:
 - a. Release the screws on top.
 - b. Release the screws on bottom and pull down the center pin.
 - c. Open and remove the filter cover.
- 2. Place two power modules into unit by doing the following. (The slide rail is located at the bottom of the power module.)
 - a. Insert power modules.

b. Fasten captive floating screw on power module.



▲ WARNING! Only use a No. 6 flathead screwdriver to secure or remove the screws of power modules. Use of any other tool may damage screws and panel.

5.0 Making the Connections

- 1. Do the following to open the front cover for wiring:
 - a. Release the two screws on top.
 - b. Press pins to open front cover
 - c. Pull down front cover gently



2. For bottom-fed wiring, feed wires from the bottom and keep proper length for each wire.





- 3. Fasten cable gland to secure wires.
- 4. Remove lid of terminal block and connect L, N, and PE wires to the correct terminals.



5. Fasten each wire with proper screw and torque.



NOTE: Power wiring for 200 / 208 / 240 / 277V, Single-Phase Model:

- Conduit hub and conduit size M50 according to EN 61386-24.
- Connect the power wires of 2 x RNB70-10 ring terminal with cable lugs to the input terminal marked with "L" and "N" using 2 x M10.0 screws with torque of 88.4 lb-in.
- Connect the ground wire of RNBS14-6 into the earth terminal marked with ground symbol using 1 x M6 screw with torque of 17.7 lb-in.

A WARNING! Cable color coding may be defined differently among countries.

- 6. Place lid back to terminal block.
- A CAUTION Lid must be in place to ensure a safe connection.



CAUTION Make sure the electric wire conduit is aligned with the DC Wallbox Charger input wire opening prior to installation. Failure to do so could damage the wiring or the charger.

NOTE: Back-fed wiring is also possible by doing the following:

a. Remove the water proof cap on the back and place it to the bottom opening.



b. Make sure wires from the wall have proper length.

- c. Feed wires from the back when placing unit onto wall-mount bracket.
- d. The rest steps remain the same as bottom-fed wiring.
- 7. Put front cover back and fasten screws securely.



▲ WARNING! Only use a Torx[®] Tamper-Resistant T20 screwdriver to secure or remove the screws. Use of any other tool may damage screws and panel.

Optional for Network Connectivity

8. Remove the protection cover on the right side.



9. Insert SIM card onto 3G board and fasten the protection cover back.



- 10. Do the following to return right filter cover:
 - a. Hang filter cover onto the unit.
 - b. Pull down the pin, place back filter cover, and fasten screws on bottom.
 - c. Fasten screws on top.



11. Mount charging plug hanger onto the wall.

12. Place charging cable and plug on the hanger properly.

NOTE: Vehicle coupler style may vary.



13. Switch power back on and turn the key to initialize the DC Wallbox.

6.0 System Configuration

- NOTE: The system is capable of being configured for use on various EV charging networks or with various user authentication options. By default, the unit is configured to allow charging immediately when plugged in. The following section is optional if no further customization is required. Software can be obtained at www.BoschEVSolutions.com.
- WARNING! Only configure the charger when the charger is not in charging mode to avoid interruption of an ongoing charging session.
- 1. Use the Windows-based configuration tool released by the DC Wallbox manufacturer to launch the configuration tool.
- 2. When the configuration is done, copy the parameter file (report/DeltaDCEVSEConfig) to the root of a USB flash drive.
- 3. Insert the USB flash disk into the USB Host ports of the CSU on the bottom (labeled USB). The configuration will be uploaded to the DC Wallbox.



4. Remove the USB flash drive when the configuration is complete

6.1 Configuration Tool

System	OCPP	Communication	Ether	3G	WLAN	Language
Authentication Mode:		OCPP		•		
I	Backend System:	OCPP		•		
Max Charging Power:		50 🔹		kW		
Мах	Charging Time:	120		•	Mins	
Max C	harging Energy:	255			kWh	
Ma	x Charging SoC:	80		•	96	
PlugIn	serts CHAdeMO:	0				
MaxPlugIn	serts CHAdeMO:	10000				
	PlugInserts CCS:	0				
MaxPlugInserts CCS:		10000				
	Time Zone:UTC	+01 -	: 00	•		ОК

6.1.1 System

- System Serial Number (read only)
- CSU Version (read only)
- UI Version (read only)
- SMR Version (read only)
- SystemAliveTime time elapsed since last system power-on (read only)
- Authentication Mode
 - Delta card (local authentication)
 - SMS authentication (remote authentication)
 - No authentication
 - OCPP authentication (suggested setting when OCPP is in use)
- MaxChargingPower maximum output power
- MaxChargingTime maximum charging time per session
- MaxChargingEnergy maximum charging energy per session
- Maximum Plug Insertions When the count of plug insertions reaches this value, a trap message will be sent to the backend System Date and Time. Set system date and time to ensure that system events are recorded accurately.

6.1.2 OCPP Ethernet

- OCPP local list maximum charging time per session
- OCPP offline policy maximum charging energy per session
- OCPP charge box ID
- OCPP charge point model
- OCPP server URL

6.1.3 Communication

- TFTP Server Address for firmware upgrade
- SNMP Trap Receiver Trap receiver IP address
- SNMP port –
- Trap port s
- SNTP Server Time server (for future use)
- Wireless mode
- Nobil Socket ID

6.1.4 Ethernet

- LAN DHCP On for DHCP; Off for static IP address
- LAN IP Address, submask, gateway in accordance with local network settings

6.1.5 3G

- 3G Network Operator for future use
- 3G APN mandatory for 3G connection
- VPN Server IP mandatory for setting up a VPN connection
- VPN Name VPN login name, mandatory for setting up a VPN connection
- VPN Pwd VPN password (optional)
- VPN Psk VPN preshared key (optional)

6.1.6 WLAN (not currently supported

- WiFi DHCP On for DHCP; Off for static IP address (for future use)
- WiFi IP Address, submask, gateway in accordance with local network settings (for future use)
- WiFi Security Type (for future use)
- Security Key in accordance with security type (for future use)
- WiFi SSID SSID of WiFi Access Point for connection (for future use)

6.1.7 Language

Set the languages charger used to display text in the user interface. The charger can be configured for up to four different languages. Each language will be represented with a selection button on the Welcome page. When the user selects a preferred language on the Welcome page, all texts of user interface will be displayed in the selected language.

6.2 3G Configuration

For models equipped with the 3G modem, insert a valid 3G SIM card (see previous steps) to start the 3G connection. Consult with local operator to activate data service on the SIM card beforehand. Disable PIN check on the SIM card before inserting the card to the modem. Request APN information from operator and make sure the APN is correctly set via the Configuration Tool.

6.3 Firmware Upgrade

Firmware update can be done via USB port on the bottom of the cabinet.

7.0 Maintenance

WARNING! Danger of electrical shock or injury. Turn off power at the panelboard or load center before working on the equipment or removing any component. Do not remove circuit protective devices or any other component until the power is turned off.

Disconnect electrical power to the DC Wallbox before any maintenance work to ensure that it is separated from the supply of AC mains. Failure to do so may cause physical injury or damage to the electrical system and charging unit.

NOTES:

- The circuit before the main breaker and auxiliary breaker may be hazardous. Only visual inspection of switching device and other apparatus can be operated.
- Maintenance of the DC Wallbox shall be conducted only by a qualified technician.
- After opening the front door, turn off the main breaker and auxiliary breaker before any maintenance work.
- Replace the ventilation filter every six to twelve months.

8.0 System Codes

Alarm Code	Description
004001	System input voltage is higher than workable range (> 305 volt)
004002	System input voltage is lower than workable range (< 170 volt)
004003	System output voltage is higher than EV battery maximum voltage
004004	Request output current from EV is higher than present EVSE ability
004005	The temperature of air inlet or input contactor is higher than workable range (> 60 degree C)
004006	The temperature of CCS combo charging plug is higher than workable range
	REMA => (> 85 degree C)
	Phoenix => (> 75 degree C)
004007	The air filter need to be replaced
004008	System fan is attenuated so that need to be replaced
004009	The self-test of system controller is failure
00400A	Emergency button is pressed
00400B	The user authorized by backend is failed
00400C	The user authorized by EVSE itself is failed
00400D	The temperature sensor of air inlet is broken
00400E	The temperature sensor of input contactor is broken
00400F	SPD trigger
004010	Output fuse at CCS side is broken
004011	Output fuse at CHAdeMO side is broken
004012	The temperature sensor of CCS combo charging plug is broken
004013	Yhe temperature of air inlet or input contactor is lower than workable range (< - 40 degree C)
004014	User stops charging
004015	The plug-in times of CCS charging plug is more than 10000 times
004016	The plug-in times of CHAdeMO charging plug is more than 10000 times
004017	System is timeout if user doesn't plug-in in 5 mnutes after authorized
004018	Charging time is up
004019	System data storage is not enough.
004021	Charging is remotely stopped by backend office
004022	Input voltage is drop
004023	System L1 input voltage is lower than workable range (< 170 volt)
005001	Communication with CHAdeMO EV is broken
005005	Communication with CCS EV is broken
005006	Power rectifier is broken
005007	Communication with CCS controller is broken
005008	Communication with aux. power module is broken
005009	Communication with relay control module is broken
00500C	Communication with display module is broken
00500D	Communication with RFID module is broken
00500E	3G module is not ready (module itself or SIM)
00500F	WiFi module is not ready
006001	3G connection is disconnected from APN

Alarm Code	Description
006002	3G connection is disconnected from internet
006003	3G connection is disconnected from backend office
006006	WiFi connection is disconnected from backend office
006008	Ethernet connection is disconnected from internet
006009	Ethernet connection is disconnected from backend office
007001	Hardware component in power rectifier is broken
007002	Input voltage of power rectifier is higher than workable range
007003	Input voltage of power rectifier is lower than workable range
007004	Output voltage is higher than workable range of power rectifier
007006	The temperature of air inlet in power rectifier is higher than workable range (> 60 de- gree C)
007008	The temperature of PFC is higher than workable range
007009	The temperature of PFC is lower than workable range
00700A	The temperature of DCDC is higher than workable range
00700B	The temperature of DCDC is lower than workable range
00700C	The fan inside power rectifier is broken
00700D	Output o-ring diode is broken
00700E	Isolation test failed
008003	5 volt for system controller is higher than workable range
008004	5 volt for other system modules is higher than workable range
008005	5 volt for CAN bus is higher than workable range
008006	12 volt for other system modules is higher than workable range
008007	12 volt for EV communication is higher than workable range
008008	24 volt for relay control is higher than workable range
008009	5 volt for system controller is lower than workable range
00800A	5 volt for other system modules is lower than workable range
00800B	5 volt for CAN bus is lower than workable range
00800C	12 volt for other system modules is lower than workable range
00800D	12 volt for EV communication is lower than workable range
00800E	24 volt for relay control is lower than workable range
008010	The output current of 5 volt for system controller is higher than workable range
008011	The output current of 5 volt for other system modules is higher than workable range
008012	The output current of 5 volt for CAN bus is higher than workable range
008013	The output current of 12 volt for other system modules is higher than workable range
008014	The output current of 12 volt for EV communication is higher than workable range
008015	The output current of 24 volt for relay control is higher than workable range
008016	The temperature of 12 volt for EV communication is higher than workable range
008017	The temperature of 5 volt for other system modules is higher than workable range
008018	The temperature of 24 volt for relay control is higher than workable range
008019	The ambient temperature of aux. power is higher than workable range
009001	GFD trigger
009002	The temperature of output diode is higher than workable range
009003	GFD pre-warning
00A001	Input contactor 1 is welding

Alarm Code	Description
00A002	Input contactor 1 is driven fault
00A003	Input contactor 2 is welding
00A006	The positive side of output relay for CCS charging is driven fault
00A007	The positive side of output relay for CHAdeMO charging is welding
00A008	The positive side of output relay for CHAdeMO charging is driven fault
00A009	The negative side of output relay for CCS charging is welding
00A00A	The negative side of output relay for CCS charging is driven fault
00A00B	The negative side of output relay for CHAdeMO charging is welding
00A00C	The negative side of output relay for CHAdeMO charging is driven fault
00B001	The firmware update of aux. power module is failure
00B002	The firmware update of relay control module is failure
00B003	The firmware update of LCM module is failure
00B004	The firmware update of CCS charging module is failure
00B005	The firmware update of CHAdeMO charging module is failure
00B006	The firmware update of power converter module is failure
00C001	PLC module for CCS charging is broken
00C002	CCS proximity is disconnected
00C003	Stop charging by CCS EV
00D001	No charging permission come from CHAdeMO EV
00D002	Battery malfunction come from CHAdeMO EV
00D003	Battery incompatibility with CHAdeMO EV
00D006	Present output current is different from target current
00D007	Battery OTP come from CHAdeMO EV
00D008	Present output voltage is different from target voltage
00D009	Position shift alarm is come from CHAdeMO EV
00D00A	EV other fault is come from CHAdeMO EV
00D00B	CHAdeMO connector lock is broken

Model	EL-52240X
Input rating	200 / 208 / 240 / 277 Vac; 60Hz; 165A max.
Wiring	1-phase / L1, L2/N, PE
Power factor	> 0.98
Current THD	Compliant with IEEE 519
Efficiency	94%
DC output	SAE J1772 DC Level 2, 200-500 Vdc, 65 A max., 25kW max.
Protection	Over current, Under voltage, Over voltage, Residual current, Surge protection, short circuit, over temperature, ground fault
Display	2.7" OLED screen
Push buttons	Multi-functional buttons (LED light: Orange, Blue) / Emergency stop button (Red)
Authentication	ISO/IEC 14443 Type A/B RFID for user authentication
Network interface	Ethernet (standard); 3G (optional); Wifi (optional)
Operating temperature	-22 [] to +122 [] (-30 [] to +50 [])
Humidity	< 95% relative humidity, non-condensing
Altitude	Up to 2000 m (6500 ft)
Ingress protection	Type 3R (IP55)
Protection against external impacts	IK08 according to IEC 62262
Cooling	Forced air
Charging cable	4 m (13 ft) straight cable
Dimension (Wx-	27 x 17 x 9 in. (680 x 430 x 230 mm)
HxD) Weight	104 lbs (47kg), excluding plug and cable
Certificate	UL, cUL, UL 2202, UL 2231

9.0 Specifications

10.0 Limited Warranty

THIS LIMITED WARRANTY IS EXPRESSLY LIMITED TO THE ORIGINAL PURCHASER ("PURCHASER") OF THE BOSCH POWER DC CHARGING STATION ("CHARGING STATION").

IMPORTANT: It is the Purchaser's obligation to register the Charging Station with Bosch and failure to do so may delay warranty support. To register a Charging Station online, go to <u>BoschEVSolutions.com</u> or call 1-877-805-3873 for assistance.

Bosch Automotive Service Solutions Inc. ("Bosch") warrants to the Purchaser that the Charging Station will be free from defects in materials and workmanship for a period of three years from the date of purchase ("Warranty Period"). This warranty is valid for purchasers located in the U.S.A. and Canada only.

ALL WARRANTY CLAIMS MUST BE MADE WITHIN THE WARRANTY PEROID AND PROOF OF PURCHASE ACCEPTABLE TO BOSCH MUST BE SUPPLIED.

The sole and exclusive remedy for any Charging Station found to be defective is repair or replacement, at the option

of Bosch. The warranty covers both parts and factory labor necessary to repair the Charging Station, but does not include any on-site labor costs related to un-installing or reinstalling the repaired or replacement Charging Station. This warranty does not cover cosmetic damage such as scratches and dents, or normal aging. Repair parts and replacement Charging Stations may be either new or reconditioned at Bosch's discretion. Any replacement Charging Stations so furnished will be warranted for the remainder of the original Warranty Period. Should Bosch be unable to repair or replace the Charging Station with a comparable Bosch product of Bosch's choice, Bosch will refund the purchase price of the Charging Station to you.

This warranty does not cover the cost of freight to return the Charging Station to Bosch. This warranty does include freight to ship repair parts and or a replacement Charging Station to the Purchaser, using a shipping carrier of Bosch's choice.

This warranty covers only those defects that arise as a result of normal use of the Charging Station and does not cover Charging Stations subject to improper installation, improper connections with peripherals, external electrical faults, accident, disaster, misuse, abuse, neglect, improper maintenance and care, modification, disassembly, operation outside of the Charging Station specifications or in a manner inconsistent with instructions regarding use.

This warranty does not apply if the Charging Station's original identification markings (for example, serial numbers and trademarks) have been defaced, altered or removed. The Charging Station is not certified for plugin applications and any modification to create a plugin application will void this warranty.

The existence of a defect shall be determined by Bosch in accordance with procedures established by Bosch. No one is authorized to make any statement or representation altering the terms of this warranty.

This warranty gives the Purchaser specific legal rights. The Purchaser may also have other rights which vary from state to state. To the extent that this warranty is inconsistent with applicable law, this warranty will be deemed modified to be consistent with such local law.

Disclaimer

TO THE EXTENT PERMITTED BY APPLICABLE LAW AND EXCEPT AS EXPRESSLY PROVIDED IN THE LIMITED WAR-RANTY, BOSCH MAKES NO WARRANTY WITH RESPECT TO THE CHARGING STATION, WHETHER EXPRESS, IM-PLIED, STATUTORY OR OTHERWISE. BOSCH EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NON-IN-FRINGEMENT OF THIRD PARTY RIGHTS, MERCHANTABIL-ITY AND FITNESS FOR A PARTICULAR PURPOSE. BOSCH DOES NOT WARRANT UNINTERRUPTED OR ERROR FREE OPERATION OF THE CHARGING STATION.

Limitation of Liability

TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL BOSCH, ITS AFFILIATES OR ITS SUPPLIERS BE LIABLE FOR ANY, INDIRECT, SPECIAL, IN-CIDENTAL, OR CONSEQUENTIAL DAMAGES, WHETHER BASED ON CONTRACT, TORT, OR ANY OTHER LEGAL THE-ORY EVEN IF BOSCH AND ITS SUPPLIERS HAVE BEEN AD-VISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the exclusion or limitation of incidental or consequential damages for some products, so the limitations or exclusions contained herein may not apply.

To Obtain Warranty Service

To obtain warranty service during the Warranty Period, the Purchaser may contact Bosch Technical Support Services (TSS) at 1-877-805-3873 or email to oetech@service-solutions.com for assistance. A Bosch TSS agent will troubleshoot the Charging Station and determine if it has a defect, and if it is covered under this warranty.



In connection with a warranty inquiry, you will be asked for each of the following:

- 1. Your name and address;
- 2. A detailed description of the problem you are experiencing with the Charging Station;
- 3. The model number and serial number of the Charging Station;
- 4. Proof of purchase; and
- 5. Return Shipping information.

If Bosch confirms a defect covered under this warranty, you will:

- Obtain a Return Goods Authorization Number (RGA#) number from Bosch;
- Directed to ship the Charging Station, at your expense, in accordance with the instructions provided by Bosch, in either its original package or packaging providing the Charging Station with a degree of protection equivalent to that of the original packaging, to Bosch at the address so instructed at that time.
- You agree to obtain adequate insurance to cover loss or damage to the Charging Station during shipment and you understand prior to receipt by Bosch, you assume risk of any loss or damage to the Charging Station.
- If the Charging Station is covered under this warranty, Bosch will either repair or replace the defective Charging Station at no charge to you and ship the repaired or replaced Charging Station back to you at Bosch's expense, using a carrier of Bosch's choice.
- Any Charging Station that is found by Bosch to be outof-warranty or otherwise ineligible for warranty service will be repaired or replaced upon your approval and payment of Bosch's standard charges.
- Bosch is not responsible for any unauthorized shipments to Bosch, and under no obligation to return the Charging Station, at its expense. If you do not contact Bosch within five (5) business days of its delivery, Bosch will dispose of the shipment in a manner of its choice without any liability to you. Any damage incurred returning an unauthorized shipment back to you is not Bosch's responsibility.

This warranty is not transferable to subsequent owners of the Charging Station. No attempt to alter, modify, or amend this warranty shall be effective unless authorized in writing by an officer of Bosch. This warranty shall be governed by and construed in accordance with the laws of the State of Michigan U.S.A., exclusive of its conflict of laws principles. The U.N. Convention on Contracts for the International Sale of Goods shall not apply. Bosch reserves the right to amend this warranty policy as required.