

User Manual



PWBS11KW - PLATINET WALL CHARGER
SOCKET 11KW TYPE2 ICON BLACK

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1. Safety & Warnings

Keep these instructions. Read all instructions before installing or using the charger.



Keep the charger away from explosive or flammable materials, chemicals, vapors, and other hazardous objects.



Keep the charging point socket clean and dry. If it gets dirty, wipe it with a clean, dry cloth.



Do not touch the socket contact when the device is turned on.



Do not use the charging point if any visible damage to the product is observed, such as cracks, abrasions, exposed leaks, or other visible defects. Contact a qualified technician immediately upon first noticing such damages.



Do not attempt to disassemble, repair, or reassemble the charging point. Contact a qualified technician if necessary. Improper handling will cause damage to the device, electric leakage, and other hazards.



In case of any adverse conditions, immediately turn off the power source.

Protect the charger from lightning strikes and heavy rain.



Keep children away from the charging point.



Do not drive the electric vehicle while it is charging. Charge only when the electric vehicle is turned off. For hybrid cars, charge only with the engine off

Our packaging is environmentally friendly and recyclable.



After unpacking, place the packaging in appropriate containers for recycling. Do not dispose of this device with household waste. It should be taken to a suitable point for recycling electrical and electronic equipment. For more detailed information about recycling this device, contact your local city office or household waste disposal facility



Warning



The device may be under electrical voltage. There is a risk of electric shock. Please strictly adhere to all warnings placed on the device and in the operating instructions. Only a qualified electrician may remove the cover of the charging point

2. Contents of the package

<p>AC Charger (Socket Version)</p>	<p>Insulated Terminal (5 pcs) for Three-Phase Power Supply</p>	<p>M4*32 Screw (6 pcs) for the Socket Version</p>
<p>Expansion Plugs $\phi 6$ (6 pcs) for the Socket Version</p>	<p>RFID Activation Card (5 pcs)</p>	<p>Disassembly Tool (1 pcs)</p>
<p>User manual (1 pcs)</p>	<p>M4 Allen key (1 pcs)</p>	<p>Mounting template(1pc)</p>

2. Charger

Socket Version



Details Products



Removable outer cover of the device



PCB Board Protection Enclosure



- 3. RFID card reader, this area can read the RFID card.
- 4. Notification bar
- 5. Type 2 socket
- 6. Mounting holes for mounting the charger on the wall and drain holes to prevent water from getting inside the device
- 7. Power cord hole

Note: Installation and connection of the device to the power supply should be performed only by a person with appropriate qualifications.

Specification

PWBS11KW Socket Version

Input Parameters	Power	three-phase
	Voltage	400V AC
	Current	32A
	Frequency	50/60 Hz

Output Parameters	Output Voltage	400V AC
	Maximum Current	32A
	Power Output	11kW

User Interface	Connector Type	Type 2
	Housing Material	Plastik
	Led	Tak
	Startup mode	Aplikacja/RFID/Plug&Play
	RFID Reader	Mifare ISO / IEC 14443A

Communication	Communication	Wi-Fi 2.4G/Ethernet
	Protocol	OCPP1.6
	Frequency of communication	2400-2483.5MHz (Wi-Fi) 13.553-13.567MHz (RFID)
	Max RF Output Power	<20dBm (-10dBW)

Safety	RCD	DC TypeA+6mA DC Detection
	Protection	IP54
	Impact protection	IK10
	Electrical protection	Overcurrent Protection, Residual Current Protection, Surge Protection, Over Voltage Protection, Over Frequency Protection, Over Temperature Protection
	Certificates	EN/IEC 61851-1: 2017, EN/IEC 61851-21-2: 2018, EN/IEC 61000-6-1:2019

Environment	Installation	Wall/post mounting
	Operating Temp	- 30°C~+50°C
	Operating Humidity	5%~95%
	Working height	<2000m

Packaging	Product Dimensions	344*201*135mm(H*W*D)
	Net Weight	1.8kg
	Gross Weight	2.5kg

3. Device Installation

Opening the Device Enclosure

Step 1 – Remove the two screws on the bottom of the charger

Step 2 – Use the disassembly tool to pry up the points along the edges

Step 3 – Use the disassembly tool to pry the points along the edges on the other side of the device.

Step 4 – The case should open.

Assembling the device

1. Based on the template, determine the installation position and mark the two holes for the wall screws that will be inserted into the upper rear of the charger.
2. Drill two holes with a 6mm drill bit and insert the dowels horizontally into the holes, paying attention to the force and depth with which they are screwed in (make sure the dowel goes completely into the hole).
3. Insert two M4x32 screws into the wall plugs so that the screw heads protrude at least 5 mm.
4. Position the charger temporarily by inserting the screw heads into the top holes on the back.
5. Open the front of the charger.
6. Mark the location of the third mounting screw. The hole is located at the bottom of the charger.
7. Remove the station and make a third hole by inserting the wall plug.
8. Reposition the station and tighten the third screw at the bottom.

Electrical Connection

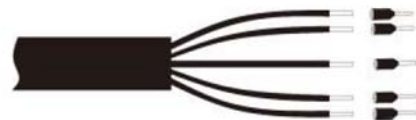
AC Wiring

Note: Before insert input power wire, please cut silicon sealed loop as required to maintain IP65.

1. Remove a length of 40mm of the cable jacket and strip the wire insulation to a length of 8~15mm.
2. Crimp the terminals as shown in the figure below

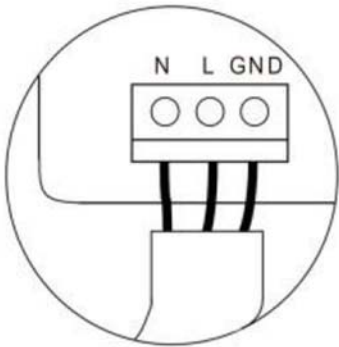


Single-phase Wiring

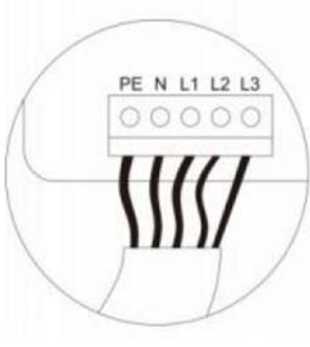


Three-phase Wiring

3. Distinguish different input wires of three-phase and single-phase, then insert the wire into the corresponding wire slot

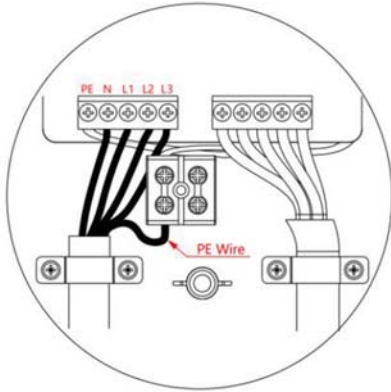
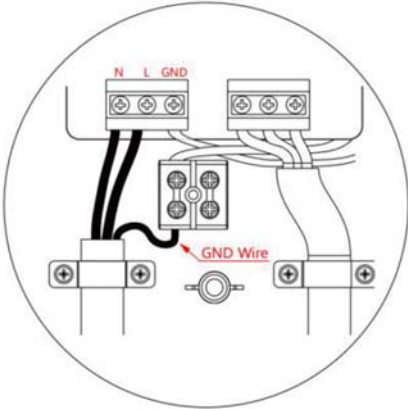


Single-phase Connection



Three-phase Connection

Note: If your charger is with PEN protection function, please connect the wires as follow.



Checks before Power-on

- Please check/re-check the following items prior to initial Power-on:
- The charger’s location allows good operational access tonormal use and repair & maintenance.
 - The AC input components within the premise’s power supply are fitted correctly with required protection items prior to installation of the charger.
 - No componentsor other items have been left on the top of the charger

Power-on status checking

Power-on the charger, the LED indicator should be in standby status.

State	Description	LED status
Standby	Power-on, but no gun plug-in	Flashing green, 1second on; 3 seconds off
Ready to charge	Gun plugged in, but not yet started charging	Constantly green
Charging in progress	Gun plugged in, charging in progress	Breathing green, 1second on; 1second off
Fault has occurred	An error condition has occurred; See Section 6 (Troubleshooting) for details of error conditions	Flashing red or constantly red

4. Device Configuration

The detailed process of configuring the device is described in a separate document and is available at the link:

http://platinet.eu/downloads/EVcharge_manual.pdf



5. Fault lights

Problems	Notification LED status
Warning	Solid yellow light
Przyczepność przekaźnika	Solid red light
Leakage current fault	Flashes red 1 time every 3 seconds
CP error	Flashes red 2 times every 3 seconds
Overcurrent Error	Flashes red 3 times every 3 seconds
Reverse Polarity Input	Flashes red 4 times every 3 seconds
Invalid current loop	Flashing red 5 times every 3 seconds
Input Terminal Temperature Excessive	Flashes red 6 times every 3 seconds
Relay Temperature Overload	Flashes red 7 times every 3 seconds
Overvoltage/undervoltage fault	Solid yellow light for 2s and flashing red 1 time every 3 seconds
Over/Under Frequency Error	Solid yellow light for 2s and flashing red 2 times for 3 seconds
Incorrect meter communication	Solid yellow light for 2s and flashing red 3 times for 3 seconds
Incorrect communication of the Smart Meter	Solid yellow light for 2s and flashing red 4 times for 3 seconds
CT Error	Solid yellow light for 2s and flashing red 5 times for 3 seconds
Incorrect charging connector lock	Solid yellow light for 2s and flashing red 6 times for 3 seconds
Incorrect charging connector current	Solid yellow light for 2s and flashing red 7 times for 3 seconds

Note: If you encounter any problems not described above, please contact the customer service of PLATINET S.A.

6. Maintenance

1. Keep the charging dock clean
2. Use a cloth to clean the surface of the charger.
3. If the vehicle connector, charging cable, or vehicle connector holder is damaged or dirty, please contact customer service immediately.
4. Keep the charging dock intact.
5. Do not hit or press the housing firmly. If the enclosure is damaged, contact customer service.
6. Avoid moisture or water getting into the charging dock.
7. If there is water or moisture inside the charging dock, please disconnect the electrical supply immediately to avoid immediate danger. Before continuing to use the station, notify the service.
8. Keep the charging dock away from hazardous substances such as flammable gases and corrosive materials.

7. Warranty

Term: Unless otherwise required by local laws, we provide a limited warranty of up to 2 years from the date of purchase.

The Limited Warranty does not cover the following:

1. Normal wear and tear.
2. Damage or failures caused by unauthorized updates carried out by the customer.
3. Damage or failure caused by external factors such as: fire, flood, incorrect voltage, other natural disasters and secondary disasters.
4. Damage or malfunctions caused by improper handling of the charging dock, such as impact from a fall and careless transportation of the charger.
5. Damage or malfunction caused by customer's failure to follow the user manual.
6. Damage or failures caused by factors unrelated to the equipment, such as human error made by a person without proper knowledge and qualifications.
7. Unauthorized repairs will void the warranty.
8. Damage or failures caused by external factors, such as power grid failures.

Limitation of Liability:

We have compiled this document to the best of our knowledge, but we cannot guarantee that all information provided is error-free, nor do we accept any liability in this regard.

To the maximum extent permitted by local applicable law, we hereby disclaim all indirect, incidental, special, and consequential damages arising out of or related to the AC charger, including, but not limited to, loss of time, loss of revenue, loss of use, loss of personal or commercial property, inconvenience or deterioration, distress or emotional damage, commercial losses (including, but not limited to, lost profits or earnings), additional charges, such as telephone calls, fax transmissions and postage expenses. To the maximum extent permitted by local applicable law, we will not be liable for any direct damages in excess of the market value of the AC charger at the time the claim is made.

The above limitations and exclusions will apply whether your claim is based on contract, tort (including negligence and gross negligence), breach of warranty or condition, misrepresentation (whether based on negligence), or otherwise in accordance with law or equity, even if you have been advised of the possibility of such damages or such damages are reasonably foreseeable.

Nothing in this manual excludes or in any way limits our liability for death or personal injury caused solely and directly by their negligence, employees, agents or subcontractors (as applicable), fraud or fraudulent misrepresentation, or any other liability to the extent proven in a court of competent jurisdiction in a final judgment not subject to appeal and cannot be excluded limited by local law.

User Information on Electrical and Electronic Equipment.

Users in countries where this symbol is depicted in this section has been defined in national law for the collection and treatment of e-waste.

Our products are made of high-quality components that are recyclable. The symbol below can be found on our products or their packaging.



This symbol indicates that the product must not be disposed of with municipal waste. It must be disposed of separately by the appropriate waste return and segregation systems available. Following the instructions will ensure that the product is disposed of properly and will help reduce potential adverse effects on the environment and human health that might otherwise be affected by improper handling of the product.

Recycling products conserves natural resources and the environment.

Detailed information on the recycling policy for this product can be obtained from the place of purchase, from your local dealer, sales representative or service centre.

Other users

If you are disposing of a product, please contact your local authorities, the store where you purchased the product, your local dealer, sales representative, or service center.

Platinet shall not be liable for any loss or damage (whether in contract or tort, including negligence) that may result from failure to comply with warnings and instructions, except for death or injury caused by Platinet's negligence.