

PROJECTA

PORTABLE EV CHARGER

TYPE 2 7kW



P/No. EVC7KW



WARNING

- Only use for EV charging. Please don't use it for any other purpose.
- Do not use the portable charger if it is damaged.
- Do not attempt to open any part of the device yourself.
- Do not disconnect the device while it is charging.
- Please follow the user manual for proper use of this device.
- Regularly inspect the portable charger for visible damage, as using a damaged product may pose an electric shock hazard.
- Do not modify, retrofit, or alter any part of the charger under any circumstances.
- To ensure stable operation and a long service life, keep the operating environment clean, with a constant temperature and humidity. Do not use the charging cable in the presence of volatile gases or flammable atmospheres, and avoid misuse, such as dropping or immersing it.
- Confirm that the input voltage, frequency, circuit breakers, and other conditions meet the device specifications before powering it on.
- Do not use the device if it fails to operate correctly according to the instructions; consult PROJECTA or a qualified electrician.
- Ensure that the product is plugged directly into a socket without an adapter unless the adapter is part of the product and meets the requirements for a pluggable charger.
- Use a fixed socket outlet protected by an upstream circuit breaker, ideally rated at 16A.
- The charger has mounting options on the back. Always ensure the product remains off the ground during normal use.

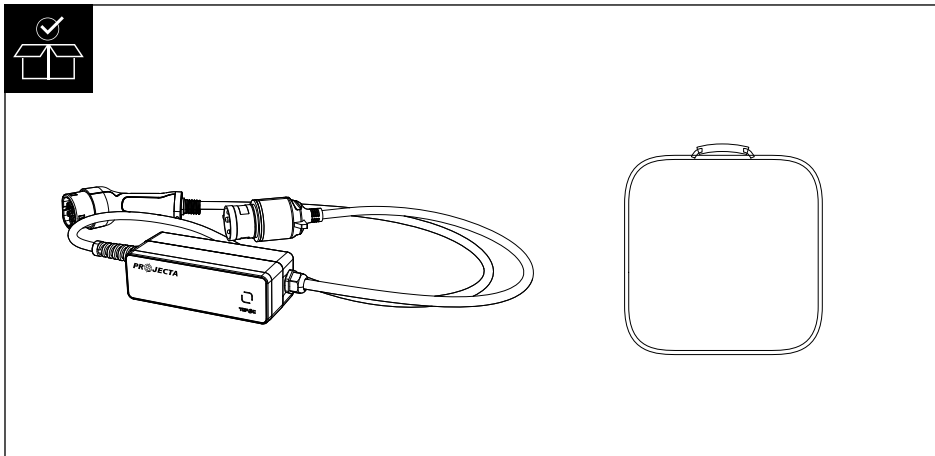
FEATURES

- The charger is compatible with 10, 15, and 32 Amp plugs, allowing for charging at 2.4 kW, 3.6 kW, or 7 kW. Please note that the 10 and 15 Amp plugs are included with the EVC7KW, while the 7 kW plug must be purchased separately with part number EVC7KW-HP.
- IP65: Its unique waterproof design ensures durability and protection against water damage.
- Quick and Easy Operation: Simply connect the plug to the EV's inlet, and the charger will automatically detect the connection status and handshake protocol before starting the charging process
- Rugged Enclosure: To ensure high quality, the charger is made from high-strength ABS plastic
- The charger is intelligent enough to identify any issues and display alarms on the screen.
- The charger includes the following protection features: over-voltage protection, under-voltage protection, over-current protection, over-temperature protection, leakage current protection, and short-circuit protection.
- Self Test: The IC-CPD is connected to the supply, and the vehicle coupler is connected to the vehicle (this applies only if connected to the supply) or if the vehicle has requested to initiate a charging session.
- Once the charger has started the charging current can not be changed. This ensures the charger can not be tampered with once you leave.

SPECIFICATIONS

PART NO.	EVC7KW
PLUG TYPE	CEE Plug
PRODUCT TOTAL LENGTH	5m
RATED INPUT VOLTAGE	230VAC
RATED OUTPUT VOLTAGE	230VAC
RATED CURRENT (POWER)	6A (1.4kW) 10A (2.4kW), 15A (3.6kW) & 32A (7kW)
RATED POWER UP TO	7360W
INSULATION RESISTANCE OF CABLE	1000M (DC500V)
OUTPUT PLUG	Type 2 Connector(EN62196)
POWER SYSTEM	TN-C, TN-S

ERROR	ERROR STATE	RECOVERY MODE
E1	Over Temperature Fault-1	Wait for the Charger to cool and ensure the operating temperature is normal.
E2	Over Temperature Fault-2	Wait for the Charger to cool and ensure the operating temperature is normal.
E3	Over Current Fault-1	Stop charging and wait for 30 seconds, or unplug the Charger connector.
E4	Over Current Fault-2	Turn the Charger off and on.
E5	Earth Leakage Fault	Make sure there is no earth leakage of the Charger output cord. Check damage to the power cord and connectors.
E6	RCD Self-Checking Fault	Make sure there is no earth leakage of the Charger output cord. Check damage to the power cord and connectors.
E7	Under Voltage Fault	Make sure the Charger input voltage is above 180 V.
E8	Over Voltage Fault	Make sure the Charger input is below 265 volts.
E9	Relay Breaking Fault	Check with PROJECTA
E10	Relay Making Fault	Check with PROJECTA
E11	Plug Over-Temperature Fault-1	Wait for the cord plug and adapter to cool and make sure they are individually connected reliably. Check for loose or dirty connections.
E12	Plug Over-Temperature Fault-2	Wait for the cord plug and adapter to cool and make sure they are individually connected reliably. Check for loose or dirty connections.
E13	Ground Fault	Make sure the Charger ground conductor is earthed firmly. Check damage to the power cord and connectors.
E14	CP Voltage Fault	Make sure the CP cable is neither broken nor short to ground. Check for damage on the cables and connectors.
E15	CP Diode Fault	Make sure the CP cable or connectors are not damaged or check the car.
E 24	Cabinet NTC Fault	Check with PROJECTA
E 25	Plug NTC Fault	Check with PROJECTA
E 29	Charger CC Fault-2	Check with PROJECTA



INSTRUCTION FOR USE

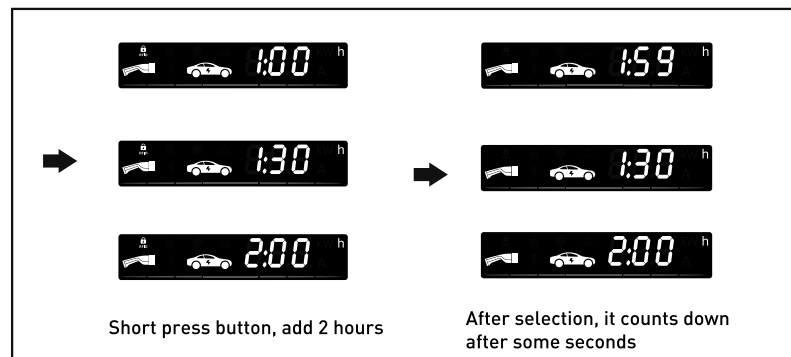
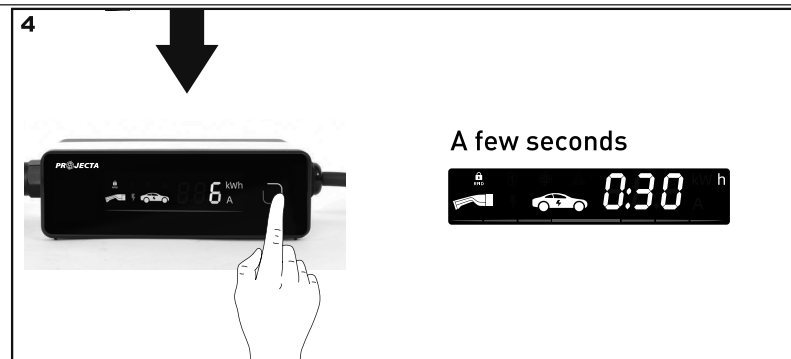
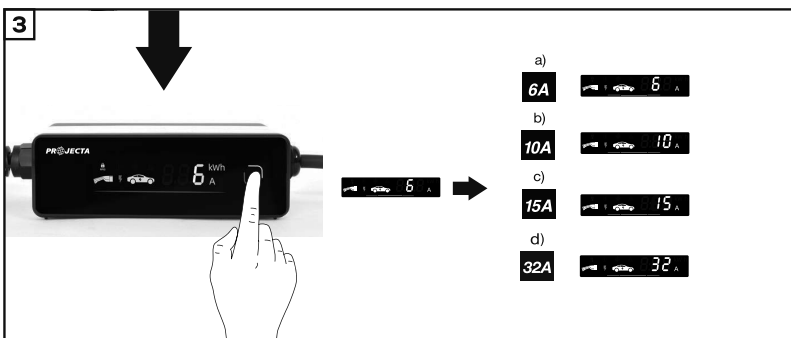
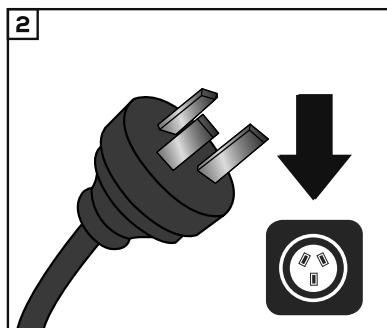
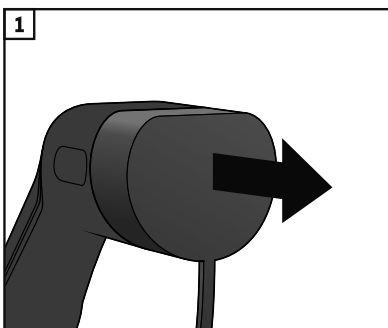
TO START CHARGING

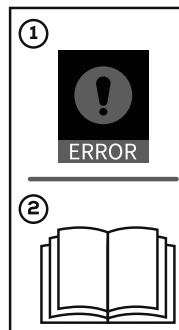
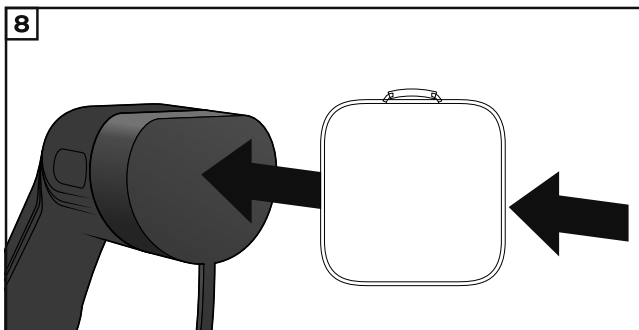
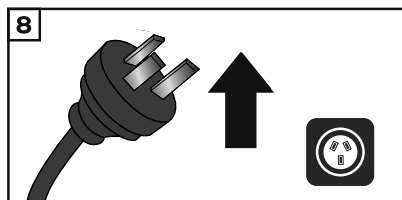
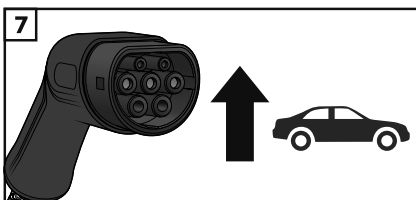
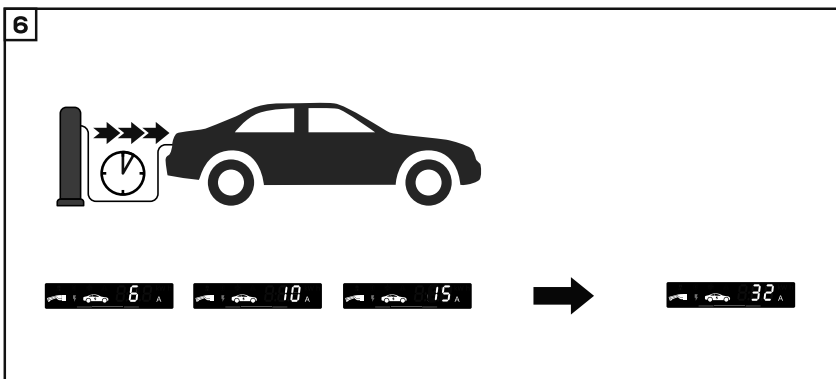
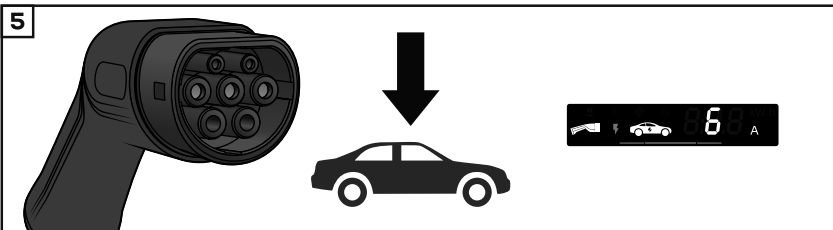
- 1 - Connect the power cord to supply mains.
- 2 - Press button to select charge current (6, 10, 15 or 32 Amps). The display will remind the customer to connect the charger to the car.
- 3 - Plug the charger into the car.

WHEN FINISHED

- 1 - Remove the Charging lead from the EV once the car releases the connector.
- 2 - Remove the AC Mains supply plug from the socket turning the charger off.
- 3 - Replace the rubber cover of over the Type 2 EV connector.
- 4 - Pack away and store in the EVA bag.

NOTE: Please strictly follow the steps shown in the images. These steps must be completed after the charger is plugged into the AC outlet and before the charger handle is connected to the car inlet. Otherwise, the charger will not function. If the power is connected but the current is not selected, the charger will default to the previous setting.







WARRANTY STATEMENT

Brown & Watson International Pty Ltd ("BWI") of 1500 Ferntree Gully Road, Knoxfield, Vic., telephone (03) 9730 6000, fax (03) 9730 6050, warrants that all products described in its current catalogue will under normal use and service be free of failures in material and workmanship for a period of five (5) year from the date of the original purchase by the customer as marked on the invoice. This warranty does not cover ordinary wear and tear, abuse, alteration of products or damage caused by the purchaser.

To make a warranty claim the consumer must deliver the product at their cost to the original place of purchase or to any other place which may be nominated by either BWI or the retailer from where the product was bought in order that the warranty assessment may be performed. The consumer must also deliver the original invoice evidencing the date and place of purchase together with an explanation in writing as to the nature of the claim.

In the event that the claim is determined to be for a minor failure of the product then BWI reserves the right to repair or replace it at its discretion. In the event that a major failure is determined the consumer will be entitled to a replacement or a refund as well as compensation for any other reasonably foreseeable loss or damage.

This warranty is in addition to any other rights or remedies that the consumer may have under State or Federal legislation.

IMPORTANT NOTE

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

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