

Double Printed A4 Leaflet



EV CHARGING ⚡

User Guide

Mode 2 EV Charger

This Masterplug Mode 2 charger is intended for use with electric and hybrid vehicles. Please read and use in accordance with these safety instructions. Please retain instructions for reference.

Safety Instructions

Always inspect before use, do not use if the Electric Vehicle Supply Equipment (EVSE) plug, or cable is damaged. Do not use with an extension lead or adaptor. Connect the charging cable to a correctly functioning and suitable socket outlet. Protect the plug and cable from moisture. The user is responsible for any personal injury or vehicle or property damage arising from inappropriate use.

Operating Instructions & Indicator Status

Follow the instruction on the charger screen.

1. Insert 3-pin plug into wall socket (and switch on) – Charger starts self test mode, and Masterplug logo will appear on the screen. After a couple of seconds, LED will flash Blue, ready to connect, if Red check fault guide.
2. Connect to EV – the charger will then start communication with the car, indicated by a Yellow LED.
3. Charging – Green indicator streams from top to bottom. Once charged indicator will turn solid Green.
4. To end charging disconnect (turn off) from wall socket and remove charger from EV.

Action	Indicator Status	Screen Display	Remark
Connect to wall socket			Start-up Masterplug logo appears Self-test procedure starts
Ready to connect	Blue Flashing ON	PLEASE CONNECT TO THE CAR	Charger connected to wall socket, not to vehicle
Connected to EV	Yellow ON	 STANDY	Communication test
Charging	Green stream bottom to top	10A 220V 00:00:00 10A 30°C	Screen will display Current (Amp), Voltage, temperature and connection time.
Fault	Red ON	PLEASE UNPLUG 	Power off and disconnect from EV See Fault Guide Error state shown

Fault Guide & Trouble Shooting

The charger includes many safety features to protect your electric vehicle, a fault is indicated by illumination of the Red indicator.

Fault State	Remark
OVP State	Over voltage, input voltage out of tolerance.
UVP State	Under voltage, input voltage out of tolerance.
OTP State	Charger over temperature. Turn off power for 30min and allow to cool.
POTP State	Plug over temperature. Turn off power for 30min and allow to cool.
OCP State	Overload, current set too high. Check EV settings. Max 10A.
DCLP State	Direct current earth fault. Turn off power and check for damage to the cable.
CP Fault	Charging cable fault. CP voltage abnormal.
Relay Fault	Charging cable fault.
PEN or Earth Fault	Lack of earth connection at wall socket.

To reset and clear the fault follow the instructions.

Unplug charging cable from the vehicle.

Unplug (or turn off) charging cable from the wall socket.

Keep unplugged for 30 seconds.

Repeat connection process.

If the faults are not reset, the charging cable may be fault. Please contact the retailer, or Masterplug via our helpdesk support team – 03300 249 279 / technical.support@masterplug.com

Technical

Rated Current/Voltage/Frequency: 10A/230V/50Hz

Output: 2.3kW Max

Rated Residual Operating Current: IΔn: 30mA, 6mA DC

Operating Temperature: -25°C to +40°C

IP Rating: IP66(Control Box)

Standards: EN 62752; EN 61851-1



Care

Masterplug recommend the use of a soft dry or slightly damp cloth periodically to clean the cable and charger body.

Do not use cleaning agents.

Batch Code Explanation

yyWxx Manufacturing date code, year of manufacture (yy) and week of manufacture (Wxx)

Environmental Protection

This symbol is known as the "Crossed-out Wheelie Bin Symbol". When this symbol is marked on a product or battery, it means that it should not be disposed of with your general household waste. Some chemicals contained within electrical/electronic products or batteries can be harmful to health and the environment. Only dispose of electrical/electronic/battery items in separate collection schemes, which cater for the recovery and recycling of materials contained within.

Your co-operation is vital to ensure the success of these schemes and for the protection of the environment.

Address/Helpline

Luceco PLC Stafford Park 1 Telford TF3 3BD ENGLAND

(EU) Luceco SE C/ Bobinadora 1-5 08302 Mataró SPAIN

If you have further technical assistance you can get in touch with our Technical Helpline on:

03300 249 279 / technical.support@masterplug.com