



EV CHARGING ⚡

MASTERPLUG EU SOCKETED & TETHERED SMART EV CHARGERS

Suitable for EU & MENA



- **Connect** via Wi-Fi or LAN
- **Fully compliant** with The Electric Vehicles (Smart Charge Points) Regulations 2021, including Schedule 1
- **Full Smart! charging** via the Sync Energy App
- **Dynamic charging** up to 22KW (32A)
- **No earth rod required**, integrated open PEN conductor protection
- **Safe** with a Integrated Type A RCD with 6mA DC detection
- **OCPP 1.6J** connectivity
- **Type 2 Socket** with Auto-Lock or 5M tethered options

Powered by

Sync Energy App

Providing smart, cost-effective EV charging with full control via the Sync Energy app Supporting auto solar charging and Tariff Sense intelligent rate-based scheduling, maximising savings and sustainability.

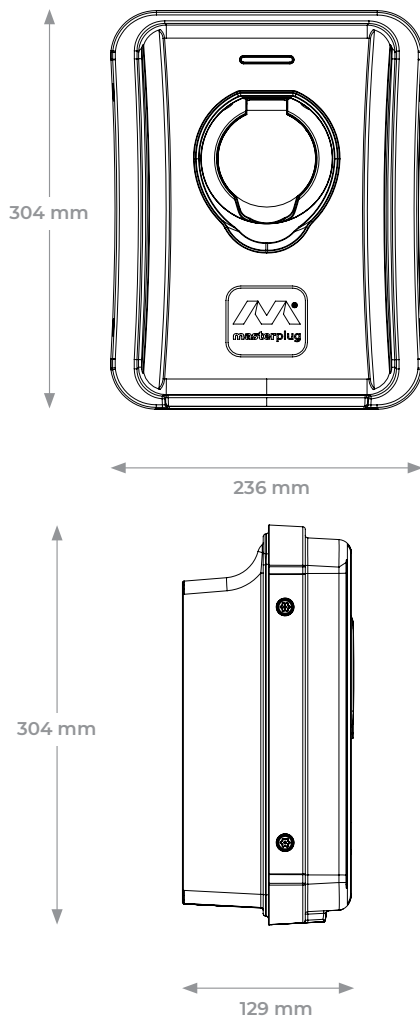
- Track tariff costs in real time
- Easy setup using Bluetooth
- Keep track of installation history
- Easily transfer account from Installer to Customer
- Step in to control the charger remotely



RANGE FEATURES

CODES :	S22 SOCKET EVCM3SS22B/EU T22 TETHERED EVCM3ST22B/EU
SOCKET / PLUG :	TYPE 2 CONNECTOR
CHARGE CURRENT :	CONFIGURABLE 6-32A
INPUT VOLTAGE :	400-415V 50-60HZ THREE PHASE
COLOUR :	BLACK - RAL9005
IP / IK RATING :	IP65 / IK08
MATERIAL :	UV RESISTANT POLYCARBONATE
WALL FIXING :	4 POINT FIXING WITH HORIZONTAL AND VERTICAL ADJUSTMENT. SUPPLIED WITH FIXING HOLE TEMPLATE. FIXING CENTRES - 110MM X 145MM
CABLE MANAGEMENT :	INTEGRATED CABLE STORAGE
OPERATING TEMP :	-25°C TO + 50°C, INTEGRATED THERMAL PROTECTION
INCLUDED ACCESSORIES :	LOAD MANAGEMENT CLAMP, 1X25MM COMPRESSION GLAND, 1X25MM BLIND GROMMET, ANTI-TAMPER DRIVER BIT, POWER CONNECTORS AND 5X BASE FIXING WASHERS

DIMENSIONS :



NETWORK AND CONNECTIVITY

WI-FI :	2.4GHZ 802.11 B/G/N
WI-FI SECURITY :	WPA/WPA2/WPA2-ENTERPRISE
ETHERNET :	RJ45, SUPPORTS DHCP AND MANUAL STATIC IP ADDRESS
CONNECTION PROTOCOL :	OCPP 1.6J
BLUETOOTH :	EASY SET UP VIA BLUETOOTH INSTALLER APP, 4.2BR/EDR AND BLE
APP :	POWERED BY SYNC ENERGY APP

ELECTRICAL AND SAFETY

PEN PROTECTION :	YES, INTEGRATED EARTH DISCONNECTION
EARTH ROD :	NOT REQUIRED, SUPPORTS TT, TN C-S, PME
RCD PROTECTION :	YES, INTEGRATED 6MA DC AND 30MA AC TYPE A
ELECTRICAL CLASS :	CLASS 1, WITH CLASS 2 HOUSING FOR PEN FAULT PROTECTION
LOAD MANAGEMENT :	SUPPLIED WITH 3 CT CLAMPS UP TO 120A FOR DYNAMIC LOAD MANAGEMENT
METER ACCURACY :	2% CLASS C EQUIVALENT INTERNAL METER, SUPPORTS EXTERNAL RS485 MODBUS METER
CONSUMER UNIT REQUIREMENTS :	40A MCB OR 30MA TYPE A RCBO (DEPENDENT ON CABLE TYPE AND/OR ROUTE)
TERMINALS :	COMBI SCREW FIRST FIX POWER PLUG
INDICATOR :	RBG LED AND BUZZER BLUE - STANDBY FLASHING BLUE - PREPARING GREEN - CHARGING FLASHING GREEN - CHARGE FINISHED YELLOW - NO NETWORK RED - ERROR
WARRANTY :	3 YEAR STANDARD WARRANTY
STANDARDS AND APPROVALS :	IEC61851-1, IEC61439-7, IEC 62955, IC 61851-21-2, BS EN62196, EN301 511, EN 301 908-1/2/13, EN 301 489-3, EN 300 330, EMC COMPLIANT, THE ELECTRIC VEHICLES (SMART CHARGE POINTS) REGULATIONS 2021 INCLUDING SCHEDULE 1