EVS II Series
ELECTRIC VEHICLE CHARGER

INTELLI **EV**

Carbon Fibre Edition

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Introducing the EVS II Series

Intelli EV are proud to announce the arrival of the new EVS II.

Choose between a 7.4/11/22 kW socketed EV charger that is 4G, WiFi and ethernet enabled in a IP55
housing with a carbon fibre finish making it perfect for external use.

The EVS II is powered by the industry leading Monta software giving you full control from your phone, computer or tablet.

The EVS II is fully OZEV compliant along with the new anti-tampering regulations and can even be connected to a Solar PV system.

• **OZEV grant approved**

• **2023 anti-tampering regulation compliant**

• **3-year warranty**

• **4G, Ethernet, WiFi and RS-485 as standard**

• **Dynamic load-balancing**

• **Powered by industry leading** MONTA **software - giving you full control**

• **IP55 "dust-tight" protection**

• **Solar PV Compatible**

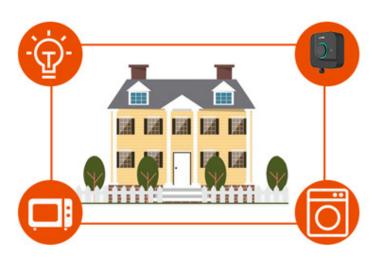• **TUV certified with UKCA & CE approvals**

Dynamic Load Balancing

The Intelli EV EVS II range has dynamic load balancing capability out of the box giving you the ability to build a network of up-to 32 chargers.

This makes the EVS II the perfect solution for deploying in a commercial or residential car park by leveraging its in-built 4G capabilities and IP55 protected housing - ideal for the remotest of environments.

Load balancing works via a master/slave relationship and can be fully configured via the Intelli EV app.

Solar Compatible

The Intelli EV EVS II range can be fully configured with an existing Solar PV system, giving you the ability to harness the sun's energy to charge your car.

Solar and EV charging are a perfect match, as it gives you the ability to bypass the grid and charge from a battery that is topped up via your panels.

You could essentially charge your vehicle for free from your home.

We currently support ECO, ECO+, and Fast charging modes as standard.

Techincal Specification

Rated Power	7.4kW, 11 kW, 22kW
Type of Connection	1P+N+PE, 3P+N+PE, 6-10mm2
Nominal Supply	230V AC±15%, 400V AC±15%
Rated Frequency	50Hz/60Hz
Adjustable Current	6A-32A Variable(Via APP)
Over Current Protection	40A Supply (external MCB)
RCD Protection	Built-in 30mA Type A RCD+6mA DC Protection(Equivalent to Type B)
Earthing Arrangement	Built-in O-PEN Protection
Standby Power Consumption	<8W
Integrated Protections	Over and under voltage, power overload, short circuit, dispersion currents, missing ground connection, surge, over temperature
Connectivity	Bluetooth/WiFi/Ethernet/4G/RS485 Control charging with the Smart APP Built-in RFID reader, OCPP 1.6J
Solar Compatibility	ECO, ECO+, and Fast charging modes
Load Balancing	Up to 32 units can be connected
Installation Network	TN, IT, and TT
Housing Material/Enclosure	PC+ASA(UL94 V-0 Fire Rated-the Highest Flame Classification)
Mounting	Wall mounting, pedestal mounting
Socket	IEC 62196 Type 2, IP55 hinged lid, electrical lock(Compliance requested)
Protection (Enclosure)	IP55 (Socketed), IP65 (Tethered), IK10
Operating Temperature	-25°C -50°C
Humidity	5%-98% non-condensing
Installation	Indoor / Outdoor
Dimensions (HxWxD)	260*260*100mm
Weight	Socketed 2.5kg, Tethered 5kg
Certification	CE, UKCA, RoHS, REACH(TUV)

INTELLI EV ®
Intelligent British Charging