iO6 PRO

ratio

BUSINESS
CHARGING

- ⚡ **Available in 7.4kW or 22kW**
- ⚡ **Integrated MID-Certified Power Meter**
- ⚡ **Built-in single and three phase open PEN fault protection**
- ⚡ **4G connectivity as standard**
- ⚡ **Easy Installation**
- ⚡ **Fast Bluetooth commissioning**
- ⚡ **Socketed or 7.5m type 2 cable**
- ⚡ **Power sharing up to 32 devices**
- ⚡ **OCPP 1.6J compliant**
- ⚡ **RFID reader**
- ⚡ **UK based support team**

Power
Fault
Charge

⚡ ratio

iO6 Pro

MANUFACTURED IN THE NETHERLANDS

Dimensions and Specifications

Charging system	IEC 61851 Mode 3
Power input	Single phase or three phase, 230-400V AC and 32A
Power output	7,4kW, 22kW
Protections	6mA DC leakage, o-pen on single or three phase versions
Housing	PC/ABS-V0
Dimensions	400mm x 250mm x 105mm
Weight	4kg
Enclosure rating	IP54
Operating temp.	-25 C to +40 C
Marking	UKCA

Design Features

Integrated RCD type A	6mA DC fault protection
Pen fault detection	Eliminates the need for an earth electrode/rod, single and three phase versions

Compliance

Standards	LVD 2014/35/EU, EMCD 2014/30/EU, BS EN61851-2019, EN61000-2, EN61000-3, CE Certified, BS7671-2018
GDPR	Your privacy and sensitive data is handled with care and in compliance with GDPR

Charging Features

Options	Single phase 7.4kW to three phase 22kW options
Energy meter	Built in certified MID meter
Suitability	Suitable for home and office application
Power sharing	Connect up to 32 chargers on one grid connection. Available power will be distributed evenly to connected EVs
Dynamic load management	Automatically optimise your power supply safely from your mains connection
Solar charging	Prioritises your power consumption by utilising solar energy when available
Safety feature	Locking mechanism to prevent disconnection under load

Connectivity

Ratio EV charging app	Provides full control and visibility over your charging sessions (Android and iOS)
Bluetooth low energy	To simplify and secure charge point installation
Connectivity	Safe and secure storage of your charging data using AWS technology complying with UK regulations.
Commissioning	Full configuration of the charger set up using the Ratio EV charging app, with settings stored in the Ratio cloud
Multi user	Multi charger, Multi EV. Manage access and sessions for all users, chargers and EVs
Secure authentication	Protect your charger from unauthorised use using the Ratio app, alternatively use the plug and charge mode for fast and easy access
Session planning	Predefined planned charging sessions to take advantage of low cost tariffs
Monitor charging sessions	Use the Ratio app to monitor live charging status
View charging history	Summarise your charging session for any timeframe filtering by user, charger and EV
Configurable cable lock	Option to lock the cable into charger
OCPP Certified	OCPP 1.6J