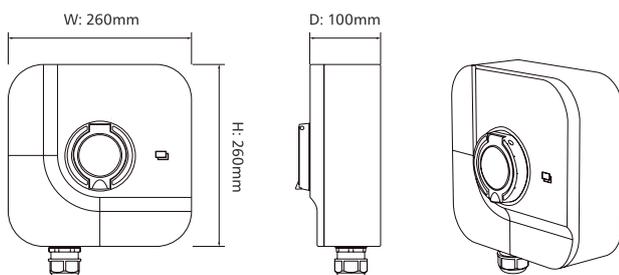# HYDRA CUBUS
7kW / 11kW / 22kW

HYDRA CUBUS 7.4kW / 11kW / 22kW EV charger is designed specifically for the UK market for HOME and COMMERCIAL charging requirements with compact, modern, and full function design.

- Type B DC 6mA + 30mA AC leakage protector
- Flexible startup modes: RFID card or keyfob, smartphone APP or plug and charge.
- Dynamic load balancing management and Solar PV matching function.
- Wi-Fi, Ethernet and 4G SIM connectivity options
- Save on electricity bills by scheduling off-peak or tariff based charging sessions.
- Built in O-Pen protection ensures a quick installation with no extra cost for an earth rod.
- Hierarchical maintenance design makes the maintenance and replacement much easier.
- Compliant with OCPP 1.6 JSON and compatible with most of the EV charging management platforms.
- Over current, over voltage and short circuit protection, etc. make charging much safer.

W: 260mm   D: 100mm   H: 260mm

HYDRA CUBUS 7kW / 11kW / 22kW

Rated Power	7.4kw, 11kw, 22kw
Type of connection	1P+N+PE, 3P+N+PE, 6 - 10mm2
Nominal Supply	230 VAC±15%, 400VAC±15%
AC input frequency	50Hz/60Hz
Adjustable current	6A-32A Variable(Via APP)
Over Current Protection	40A Supply (external MCB)
RCD protection	Built-in Type B RCD DC 6 mA/AC 30 mA (Industrial-grade protection)
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/CAN Control charging with the Hydra Nexus App Built-in RFID reader, OCPP 1.6
Solar Compatibility	ECO, ECO+, and Fast charging modes
Load Balancing	Up to 32 units can be connected
Installation network	TN, IT, and TT
Supply Cable Entry	Ø18mm-Ø24mm hole drilled at site through top and bottom of enclosure
Housing material/Enclosure	PC+ASA (UL94 V-0 Fire Rated-the Highest Flame Classification)
Mounting	Wall-mounting, pedestal mounting
Socket	IEC 62196 Type 2, IP54 hinged lid,electrical lock
Protection (Enclosure)	IP54 (Socketed), IP65 (Tethered), IK10
Operating temperature	-25°C -50°C
Humidity	5%~98% non-condensing
Installation	Indoor / Outdoor
Dimensions (HxWxD)	260*260*100(mm)
Weight	Socketed 3.5kg, Tethered 5.5kg
Certification	CE,UKCA, ROHS (TUV)