



4

ELECTRIC VEHICLE CHARGING

Drive into the future with our EV Charging solutions. Our advanced charging stations and accessories are designed to provide efficient and reliable charging for electric vehicles. Whether for residential, commercial, or public use, our EV charging solutions support the growing demand for sustainable and eco-friendly transportation.

DOMESTIC EV CHARGING - AC

Portable EV Chargers Mode 2

Makes it easy to charge anywhere. Just plug it into a wall socket, and adjust charging current. Conforms to IEC 62196-2 (Type 2) and the highest safety requirements. Complete with overcurrent and under / over voltage protection, grounding and surge protection.



Code	Description	Power Supply	Output Power	Connection Input	Connection Output
Q20-3.5kW-16A-1P	Plug-in EV Charger c/w LED Display (Wall-mounted, Portable)	230VAC 1 Phase	3.5kW (6-16A Adjust)	16A SA	Type 2 5m Cable
Q20-7kW-32A-1P	Plug-in EV Charger c/w LCD Display (Wall-mounted, Portable)	230VAC 1 Phase	7kW (6-32A Adjust)	32A 2P+E	Type 2 5m Cable

Kit include Plug holder + Hanger + Carry Bag

EV Smart Home Chargers Mode 3



NORA-7KW-1P-S

Code	Description	Power Supply	Output Power	Connection Input	Connection Output
NORA-7kW-1P-S	Plug-in EV Charger c/w LED Status Indication (Wall-mounted, Portable)	230VAC 1 Phase	7kW (up to 32A Adjust)	32A 2P+E	Type 2 Socket Outlet
NORA-7kW-1P-T5	Plug-in EV Charger c/w LED Status Indication (Wall-mounted, Portable)	230VAC 1 Phase	7kW (up to 32A Adjust)	32A 2P+E	Type 2 5m Tethered Cable

Kit include wall mounting bracket and hardware, 2 X RFID cards

Features

Stress-free Installation : Plug and Play. Plug into the CEE socket or hardwire connection without opening box.

Flexible Load Protection : Flexible setting of power to ensure load safety and prevent tripping

Smart Home Charging with APP (Full control of your wallbox with RAEDIAN App):

- Schedule Charging (Schedule off-peak charging to lower charging cost)
- InstaCharge (Start charging immediately at the maximum available current)
- Charging Record (Review and filter charging history, one tap to export record via email)
- Share Your Charger (One tap to share limited charging access with your family and friends)



NORA-7KW-1P-T5

Domestic EV Chargers - Mode 3



Code	Description	Power Supply	Output Power	Connection Type
NEO-7kW-1P-T5-S	Domestic EV charger -Wall mount, Tethered	230VAC 1 Phase	7kW (32A)	Type 2 c/w 5m Cable
NEO-7kW-1P-SS-S	Domestic EV charger -Wall mount with socket	230VAC 1 Phase	7kW (32A)	Type 2 Socket Outlet
NEO-11kW-3P-T5-S	Domestic EV charger -Wall mount, Tethered	400VAC 3 Phase	11kW (16A)	Type 2 c/w 5m Cable

- With a wiring backplate and one clip installed main body, and plug and charge commission-free setup, one electrician can complete the installation with ease.
- Integrated OLED Display will present device status, operation mode, energy delivered, meter value in plain sight, and error code if anything goes wrong, making diagnosis easy.
- Dynamic load management with full protection of electrical safety
- Built in Wifi / Bluetooth and RFID

COMPLETE CHARGING CABLES

Type 2 Charging Cables - 5m Length



Type 2 with Coiled Cable

Type 1 with Straight Cable

Code	Charger Side	Vehicle Side	Rated Current	Rated Voltage	Phase	Max Capacity
BS-CHC001*	Type 2	Type 2	16A	230VAC	1 phase	3.6kW
BS-CHC002	Type 2	Type 2	16A	400VAC	3 phase	11kW
BS-CHC003*	Type 2	Type 2	32A	230VAC	1 phase	7.2kW
BS-CHC004	Type 2	Type 2	32A	400VAC	3 phase	22kW

Type 2 to Type 1 Charging Cable - 5m Length

Code	Charger Side	Vehicle Side	Rated Current	Rated Voltage	Phase	Max Capacity
BS-CHC007*	Type 2	Type 1	16A	230VAC	1 phase	3.6kW
BS-CHC008*	Type 2	Type 1	32A	230VAC	1 phase	7.2kW

*Add -S for coiled cable (up to 7.2kW only)

NEW

JOINON EV CHARGING RANGE

JOINON Range Electric Vehicle Charging Wallbox I-CON IP55

I-CON wallboxes are the JOINON solution designed to be integrated into private and semi-public contexts in compliance with international standard IEC 61851-1. It stands out for its elegant and compact design, special "one-hand recharge" functionality, smart load management.

				
	GWJ 3002 A	GWJ 3112 A	GWJ 3004 R	GWJ 3014 W
Code c/w Socket	GWJ 3002 A	GWJ 3102 A	GWJ 3004 R	GWJ 3004 W
Code Tethered	GWJ 3012 A	GWJ 3112 A	GWJ 3014R	GWJ 3014 W
Charging Socket/Plug	Type 2	Type 2	Type 2	Type 2
Installation Type	Wall mounted (or floor with support)			
Rated Voltage	230V	230V	400V	400V
Maximum Current	32A	32A	32A	32A
Maximum Power	7.4kW	7.4kW	22kW	22kW
Human Interface	LED Indication	LED Indication	LED Indication	LED Indication
Charging Activation	Auto Start	Auto Start	RFID	RFID/APP
Connectivity	-	BLE(Setup app)	-	ETH/Router 4G
Communication	-	-	-	OCPP 1.6J

JOINON range electric vehicle charging I-ON IP55

I-ON (floor-mounting) and I-ON Wall (surface-mounting) charging stations are the JOINON solutions for public and semi-public access, designed to withstand impacts, stress, vandalism. The special hexagonal design allows the units to be adapted in any urban context and to any parking configuration.

				
Code	GWJ 1003 R	GWJ 2103 R	GWJ 1003 W	GWJ 2103 W
Charging Socket	2 x Type 2	2 x Type 2	2 x Type 2	2 x Type 2
Installation Type	Floor-mounted	Wall or Support mounting	Floor-mounted	Wall or Support mounting
Rated Voltage	400V	400V	400V	400V
Maximum Current	32A + 32A	32A + 32A	32A + 32A	32A + 32A
Maximum Power	22kW + 22kW	22kW + 22kW	22kW + 22kW	22kW + 22kW
Human Interface	TFT Display	TFT Display	TFT Display	TFT Display
Charging Activation	RFID	RFID	RFID or APP	RFID or APP
Connectivity	-	-	-	-
Communication	-	-	OCPP 1.6J	OCPP 1.6J

JOINON DLM-Dynamic

Load Management

Accessories

				JOINON Communication Accessories	
Code	GWD 6812	GWD 6817	GWJ 8031	GWJ 8011	GWJ 8012
Description	Single Phase Meter for DLM	3 Phase Meter for DLM	Site controller for DLM	JOINON Ethernet kit	JOINON Ethernet + 4G + antenna kit

JOINON Installation

Accessories

				
Code	GWJ 8102	GWJ 8103	GW46551	GWJ 3004 W
Description	I-CON Floor Support - Single Sided	I-CON Floor Support - Double Sided	I-ON pole support kit	I-ON ground fixing plate

NEW

VIARIS EV CHARGERS

Viaris UNI IP54 - Private/Domestic AC EV Charger

 App for managing the VIARIS UNI and VIARIS COMBI + Smart Charging Station from a Smartphone or tablet. Real-time display of grid or solar supply as well as instantaneous home and EV charging station consumption.			
	Code	OB94U220HA1	OB94U2COHA1
Charging Socket	Type 2 with 5m cable		Type 2 Outlet with Shutter
Installation Type	Wall Mounted		
Rated Voltage	230V		230V
Maximum Current	32A		32A
Maximum Power	7.4kW		7.4kW
Human Interface	LED and App		LED and App
Charging Activation	Touch or RFID or App		Touch or RFID or App
Communication Protocol	OCPP 1.6		OCPP 1.6
Communication	WiFi		

Viaris Combi + IP54 - Public/Commercial AC EV Charger

c/w Built-in Protection Equipment: 1) Overload and short-circuit protection (MCB) “C” curve 5) AC Residual-Current device (RCD) Type A 6) DC Residual -Current protection					
	Code	OB94P2209A2	OB94P2C09A2	OB94P720HA2	OB94P7COHA2
	Charging Socket	Type 2 with 5m cable	Type 2 Outlet with Shutter	Type 2 with 5m Cable	Type 2 Outlet with Shutter
	Installation Type	Wall Mounting			
	Rated Voltage	230V/1Phase	230V/1Phase	400V/3Phase	400V/3Phase
Maximum Current	32A	32A	3x32A	3x32A	
Maximum Power	7.4kW	7.4kW	22kW	22kW	
Human Interface	LED and App	LED and App	LED and App	LED and App	
Charging Activation	Touch or RFID or App	Touch or RFID or App	Touch or RFID or App	Touch or RFID or App	
Communication Protocol	OCPP 1.6	OCPP 1.6	OCPP 1.6	OCPP 1.6	
Communication	WiFi/Ethernet/RS485 Modbus				

Features

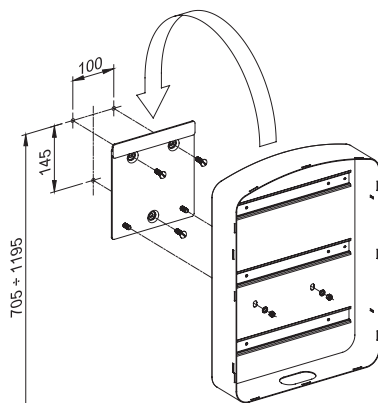
- Charge power modulator to achieve the highest recharge in shortest possible time without exceeding the maximum installation capacity and depending on the instantaneous consumption of other electrical appliances.
- Multi-device function for power modulation of several chargers connected to the same power line of up to 100 amps per phase up to 3 chargers.
- DC current leakage detector for the protection of people against electrical risk.
- Compatible with VIARIS SOLAR for integration with PV power generation.
- WiFi communication for configuration and control from the VIARIS App.
- Control of schedules and limitation of consumption power to take advantage of electricity rates.

NEW

VIARIS EV CHARGERS

Viaris City

Ideal for Electric Vehicle Charging with Type 2 connection up to 40kW as per IEC 62196-2. The Charger is able to supply information about the charging status and allows for all payment systems through the mobile APP Varis Combi, cards or other communication accessories. Compatible with OCPP protocol.



Wall Mount

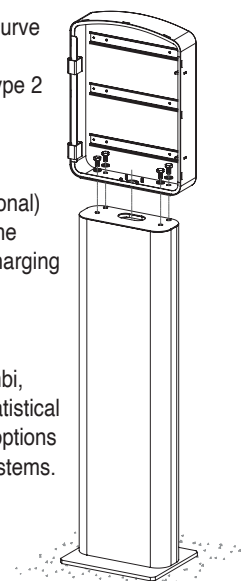
c/w Built-in Protection Equipment

- 1) Overload and short-circuit protection (MCB) "C" curve
- 2) Protection against overvoltages (POP)
- 3) Protection against Transient overvoltage (SPD) Type 2 Class II
- 5) Residual Current Circuit Breaker (RCCB) type A

The mild steel casing on a Stainless Steel pole (optional) offers a high degree of protection from vandalism. The Orbis charger range has all the facilities to enable charging in both commercial and private applications.

For Charging Station operators the charger offers: Prepaid Systems through the mobile App Viaris Combi, RFID Cards and others. Information collection for statistical purposes is also possible. Different communication options enable easy integration into commercial charging systems. Units come with WiFi & Ethernet communications as standard.

*Note operation of the Web Services does have an annual cost.



On floor-standing Pedestal
(to be ordered separately)

Code	Description	Power Supply	Output Power	Connection Type	Charge Mode
OB94T1116-1813	Public EV Charger. Wall Mounted. c/w 1 x Type 2 Outlet.	400VAC 3x16A, 3Phase	11kW	Type 2 no Cable	Mode 3
OB94T2232-1913	Public EV Charger. Wall Mounted. c/w 1 x Type 2 Outlet.	400VAC 3x32A, 3Phase	22kW	Type 2 no Cable	Mode 3
OB94T4363-201330	Public EV Charge. Wall Mounted. c/w 2 x Type 2 Outlets.	400VAC 3x63A, 3Phase	43kW/ 2 x 21.5kW	Type 2 no Cable	Mode 3

Accessories

Code	Description
OB940006	RFID Cards (Pack of 5)
OB940007	304 Stainless Steel floor stand textured finished in RAL 7035. Light Grey. Order stand separately.

NEW

AC CHARGING ACCESSORIES



Viaris Tester - EV Charger check tool to verify the charger by simulating the connection of an electric vehicle. Ensures correct operation of the charger before delivery to the customer

Code	Description
VIARIS TESTER	EV Charger Check Tool

Features

- Simulates the state of the vehicle (connected, disconnected, charging, etc.).
- Verifies phase presence and phase sequence.
- Fault simulator.
- Checking the electrical protections and grounding.
- Residual differential current test AC 30 mA (RCD).
- DC leakage current test 6 mA (RDC-DD).
- Valid for 13, 20, 32 and 64 A chargers.
- LED Display of status and measured values.

Viaris Solar

Allows the integration of **Viaris UNI** and **Viaris Combi** + Chargers in PV installation. Adaptable to any Single or Three phase PV installation with or without grid injection. It allows the selection of energy mix for EV charging.



OB709800

Viaris Solar Single phase 100A



OB709900

Viaris Solar Three Phase 3x80A

COMMERCIAL EV CHARGING

Public DC Charging IP54

c/w GPRS, Ethernet, Wifi, and RS485 Communication



Public AC Charger - Type 2

c/w GPRS, Ethernet, Wifi, and RS485 Communication



Code	SET450-100Y	SET450-40B	SET-AC22	SET380-AC22
AC Input				
Input Power	50kW (±10%)	20kW (±10%)	22kW (±10%)	22kW (±10%)
Voltage	400VAC	400VAC	400VAC	400VAC
AC Output				
Output Power	22kW	-	2 x 11kW	22kW
Cable Type	Type 2	-	2 x Type 2 Sockets	2 x Type 2 Sockets
DC Output				
Output Power	50kW	20kW	-	-
Voltage Range	50-450VDC	50-450VDC	-	-
Cable Type	CHAdeMO / CCS2	CHAdeMO / CCS2	-	-
General				
Enclosure Protection	IK10	IK10	IP65	IP54
Charging Cable	5 Meter	5 Meter	2 x Type 2 Sockets	2 x Type 2 Sockets
Dimensions (WxHxD)	660 x 1750 x 660mm	940 x 640 x 480mm	1040 x 175 x 175mm	345 x 450 x 166
Display	7" LCD Touch Screen	7" LCD Touch Screen	LED Status Indicator	7" LCD
User Authentication	RFID and OCPP	RFID and OCPP	RFID and OCPP	RFID and OCPP

PORTABLE FAST CHARGERS

20kW Mobile DC Fast Charger



30kW Mobile DC Fast Charger



Code	SET450-40B-M	SET450-60B-M
AC Input		
Input Rating	20kW (+10%) /40A	30kW (+10%) / 65A
Voltage	400VAC (+10%) 3Phase	400VAC (+10%) 3Phase
Frequency	50/60Hz +10%	50/60Hz +10%
Input Connector	63A CEE	125A CEE
DC Output		
Output Power	20KW	30kW (+10%)
Voltage Range	50 - 500VDC	300 - 1000VDC
Cable Type	CCS2	CCS2
Dimensions (WxHxD)	650 x 450 x 260mm	610 x 600 x 410mm