

# IDEAL FOR PETROL STATION ELECTRIC REFUELING POINTS



Ideal for petrol stations or public spaces for quick vehicle recharging

Combines the integration of AC and DC charging in the same solution.

This solution is designed to charge 3 different types (type 2, CCS2 and CHAdeMO)

It has an intelligent control system managed by the OCPP 1.6 communication protocol

## MAIN FEATURES

These are the most important features of our 60-300kw charger



**AC & DC INTEGRATION**



**3 CONNECTORS:  
TYPE 2, CCS2 AND  
CHADEMO**



**PROTOCOLO OCPP 1.6**



**CONTINUOUS  
CHARGING 60kw**

## SPECIFICATIONS

### Input

Phases	3 phase + neutral + PE
Voltage	AC 400 V $\pm$ 10%
Frequency	50Hz

### Output

Voltage	AC 400 V $\pm$ 10%	DC 200~1000V
Max. Current	32A	100A/ 2 hoses
	200A / 1 hoses	125A/ 1 hoses
Max. Power	22KW	"30KW/ 2 hoses

### Electrical parameters

Material	Galvanised steel		
Installation	Installation on the floor		
Charging output	AC Type 2	DC CCS 2	DC CHAdeMO
Cable length	5M	5M	5M
LED Indicator	Yes		
LCD Display	Color touch screen		
Emergency button	Yes		
Payment function	Admits credit cards		
RFID card	Yes		
Power meter	Yes		
RCD	Yes		

### Structure

Charger v.s. VE	PLC (DIN 70121: 2014-12)
Backend	Ethernet/4G/WIFI
Communication protocol	OCPP 1.6 (JSON)

### Ambiente

Temperature	-30 °C ~ +50 °C
Humidity	5%~95% without condensation
Altitude	<2000M
Protection level	IP55
Ambient	Indoor/Outdoor
Cooling	Fan cooling
Noise	≤60dB

### Safety

Protections	Protection, short-circuit protection, over-temperature / low-temperature protection, protection against earthing, protection
Safety regulations	IEC/EN 61851-1, IEC/EN 61851-23