

Echo/Genesis Pro AC Public Chargers

Smart Public Charging

Designed for car parks, shopping centers, hotels and workplaces.



Echo Pro AC Public Charger



Genesis AC Public Charger

Product Features

User-friendly Display

The Echo Pro features a clear user-friendly display, enabling easy access to key information such as payment, charging status, and user identification. This display ensures a seamless charging experience for EV drivers and operators, and simplifies the management of public charging networks and businesses.

Dynamic Load Balancing & Smart Charging

The Echo Pro offers a high uptime of 22kW charging and intelligent dynamic load balancing. This feature reduces the peaks in your energy usage by adjusting power depending on energy consumption. The Echo Pro is a smart, efficient and reliable charging solution for EV owners and operators with a 10-year working life.

Robust & Minimalistic Design

All of our charging solutions are designed for durability and longevity, the Echo Pro is no exception. The charging station features a robust casing made from a stylish aluminium panel that can withstand daily use.



Safe & Easy Installation

The Echo Pro features hardware protection, software protection and intelligent temperature control to ensure the safety of you and your electric vehicle. It has been designed to optimise your charging experience from the get-go. The Echo Pro has been tested and installed in-house to guarantee an installation time of just 20 minutes. The Echo Pro can be installed in Daisy chain series, further reducing large-scale installation time and costs. This type of installation allows for efficient power distribution, and enables multiple charging stations to be connected seamlessly, facilitating the management of public charging networks.

Seamless App Integration

The Echo Pro can be managed effortlessly via your smartphone or tablet. Modify charging sessions at the tap of a button. Compatibility with 4G, LAN, Bluetooth, RFID, and NFC means there are a wealth of technologies available depending on your requirements.



Core Advantages

Dynamic Load Balancing & Smart Charging (optional)

Aluminum Alloy Panel

User-friendly Display

Daisy-chain Installation

Robust & Minimalistic Design

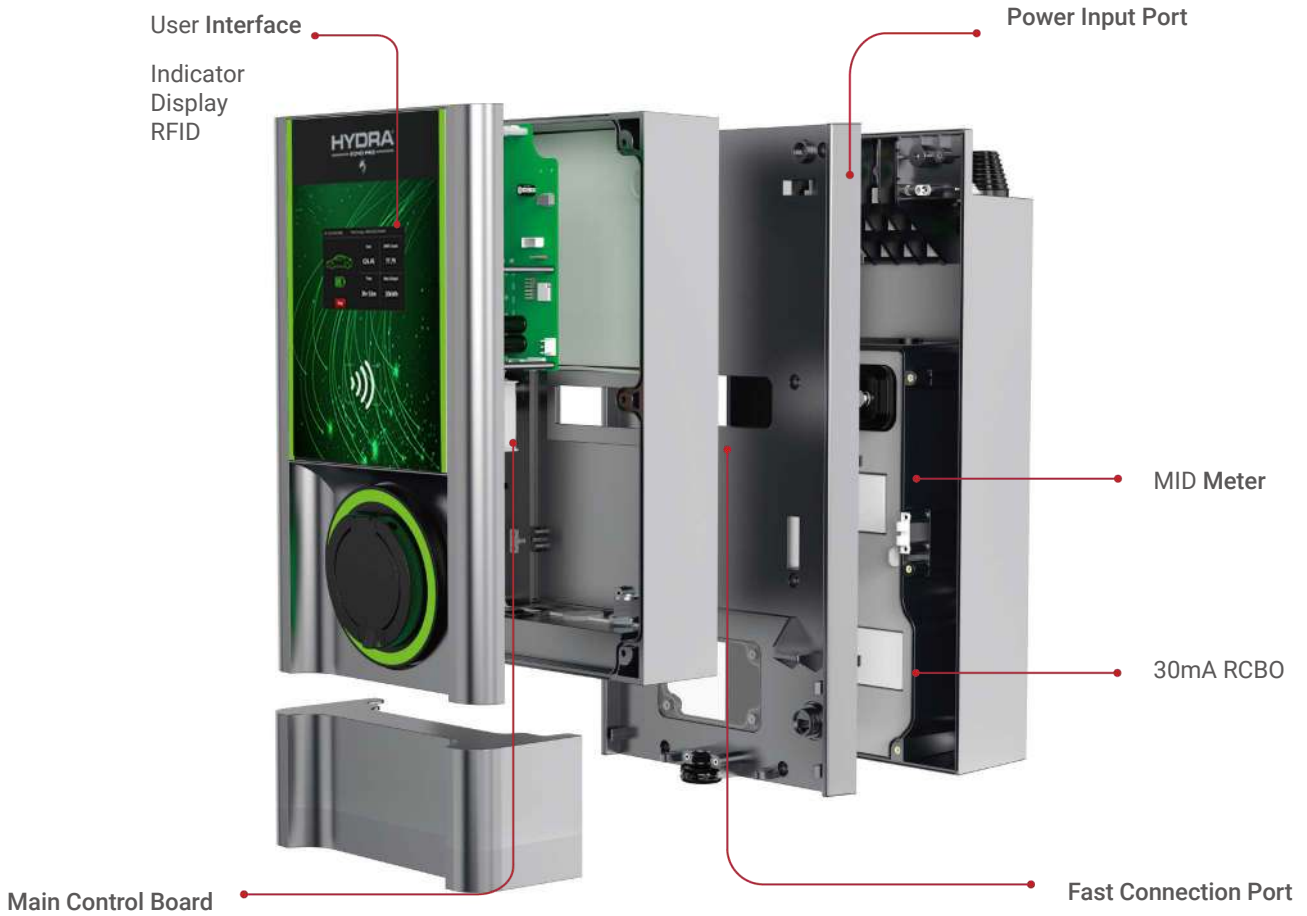
Seamless App Integration



Technical Data

Main Product	Genesis Single Series	Genesis	Echo Pro	
General	Dimensions(mm)	L1200xW260xD247max.	L1200xW260xD352max.	L500xW260xD199max.
	Weight	<35kg	<45kg	<18kg
	Operating Temperature	-25°C to +50°C		
	Storage Temperature	-40°C to +80°C		
	Material	Plastic and aluminium alloy		
	Certifications	CE/UKCA		
	Charging	Max Charging Power	7/22kW	7/22kW x 2
Charging Current		6-32A Single Output / 32A - 32A Dual Output		
Voltage		230/400V (1/3-phase, 50-60Hz)		
Charging Mode		Mode 3		
Charging Socket		Type 2		
Fixed Charging Cable		No		
Energy Metering		Integrated Individual MID Meters		
Interface	User App and Configuration	Control charging with the commercial app		
	Charging Status	Dynamic LED ring for charging status		
	Authentication	RFID/NFC reader or app		
	Cloud Connection/Network	WiFi, 4G LTE, LAN		
	Communications Protocol	OCPP 1.6J, OCPP 2.0.1 (future)		
	Installer App and Configuration	Configure with the installer app through Bluetooth Low Energy (BLE 4.2)		
	Safety and Protection	RCBO	30mA AC + 6mA DC	
Overvoltage Category		III		
Insulation Class		I		
Fire Classification		UL94		
IP Rating		IP54		
Impact Resistance		IK10		
Temperature Monitoring		Internal Individual Temperature Sensor		

Modular Design



Advantages of Modular Design



Prefabrication Production
Efficient Delivery



Double Layer Protection
Eliminate Electrical Risks

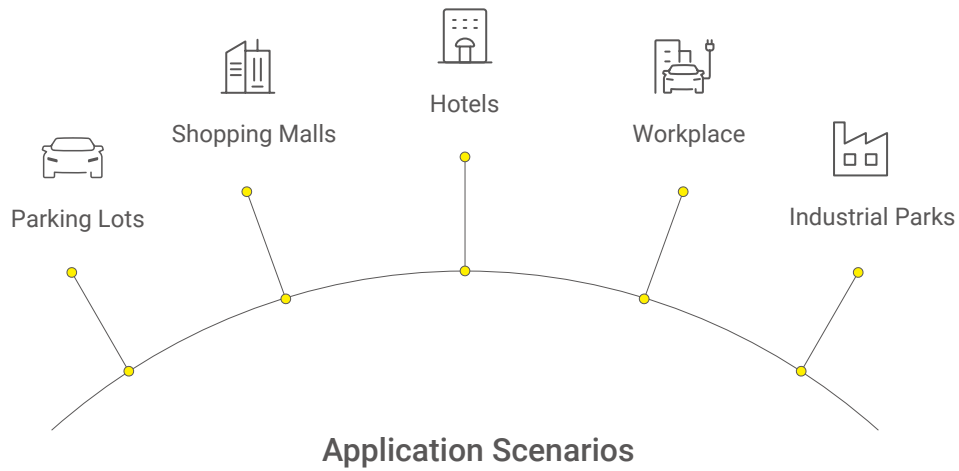


Modular Code Identification
Convenient Replacement



Reduce Operating Costs
Increase Income

Application Scenarios



<p>Parking Lots</p>	<p>Ideal for charging electric vehicles in parking lots with a high footfall.</p>
<p>Shopping Malls</p>	<p>Perfect for commercial centers, including transportation hubs, shopping malls, technology parks, and retail parks. Suitable for use with taxi apps, logistics vehicles, and private vehicles.</p>
<p>Hotels</p>	<p>Suitable for charging electrical vehicles of customers, business travelers, and hotel employees etc.</p>
<p>Workplace</p>	<p>Designed for electrical vehicle charging in office parking lots, providing charging for employees and customers even during high demand.</p>
<p>Industrial Parks</p>	<p>Suited for charging operating vehicles that require stable and convenient emergency replenishment. The Echo Pro also provides convenient charging for electric vehicles of industrial park staff, business employees, and external business personnel.</p>