



INTELLIGENT **CHARGING SOLUTIONS** FOR ELECTRIC VEHICLES



HOME ONE a simple standalone charging unit for individuals or corporate use



NETWORK ONE an intelligent and networked charging unit designed for companies, local authorities, energy operators and charging infrastructure professionals



QUICK CHARGER ONE this high powered unit features reduced charging times and ensures an extended travel range





HOME ONE

A versatile charging unit capable of charging cars and scooters.

To reduce charging time and for a greater ease of use the Home One can be fitted with a seven meter cable and a standard type 1 plug which will enable mode 3 charging.

This unit was designed for use at home as well as in a corporate or private parking lot. In order to control access to the unit an optional lock and key system can be installed to enable or to disable the charging station.



NETWORK ONE

The robust design and anti-graffiti coating of the Network One make it an ideal unit for external charging in all environments. It was conceived to be both water resistant and vandal proof.

This charging unit is capable of charging two vehicles simultaneously (car or scooter) in mode 1 or mode 2. As an option, type 1 plugs can be installed which will enable faster mode 3 charging.



Beyond its charging flexibility the Network One contains an RFID card based security system which controls the physical access to the charging plugs.

This unit gets its name from its ability to be managed remotely and function in a network. It is therefore uniquely adapted to customers who want to manage a network of charging stations.





QUICK CHARGER ONE

The Quick Charger One is the solution to urgent charging needs. It runs using a direct current source and uses the CHAdeMO (mode 4) standard. This enables it to recharge 80% of a standard batteries capacity in less than thirty minutes. Both an indoor (IP33) and outdoor models (IP55) are available.

The Network One's network functionality is also available as an option for the Quick Charger One. This provides RFID based access control as well as an online support and management system.



ONLINE MANAGEMENT SYSTEM

Green Motions online management system provides the gateway to manage your network of charging stations. This covers all needs whether technical, administrative or business related.



The monitoring function provides a real time view into the state of any unit in the network (availability, state, transaction log and consumption). The user function allows you to manage and control what users have access to your charging stations. On the business and billing front detailed charge information is available, by unit or user, which can be used to generate automatic billing. The system has open and standard interfaces which enable it to be easily interfaced with existing external software management systems that you may have in place (ERP, employee RFID card management systems, etc).



Green Motion also makes available a brandable website and mobile application for the electric vehicles owners who use the charging stations. These services enable the users to monitor the state of charge of their vehicle and to be alerted by email or SMS once their vehicle is fully charged. A charging point map is included which helps users find the closest charge point to their destination.

TECHNICAL SPECIFICATIONS

			
	HOME ONE	NETWORK ONE	QUICK CHARGER ONE
CURRENT INPUT	AC 230V / 16A	AC 400V / 16-63A	AC 400V / 32-80A
POWER OUTPUT	AC 3.7kW	AC 3.7 to 22kW	DC 22 to 44kW
NUMBER OF SIMULTANEOUS CHARGES	1	2	1
AVERAGE CHARGE TIME	5 to 8 hours	1:30 to 8 hours	30mn to 60mn
MODE 1 OR MODE 2	yes with local plug	yes with local plug + IEC 60309	no
MODE 3	optional	optional	no
- cable with Type 1 plug	yes	yes	no
- type 2 plug	yes	yes	no
- type 3 plug	yes	yes	no
MODE 4	no	no	CHAdEMO
OVERCURRENT PROTECTION	yes	yes	yes
RCD	yes	yes	yes
ENERGY METER	no	yes	yes
ACCESS CONTROL	optional with key	RFID	optional RFID
RFID STANDARDS	-	ISO 14443 / 15693	ISO 14443 / 15693
NETWORK MANAGEMENT	no	yes	optional
USER INTERFACE	no	LCD screen	Touch screen
CE CONFORMITY	yes	yes	yes
ANTI-VANDALISM	no	yes anti-graffiti paint optional	no
INTERNATIONAL PROTECTION RATING	IP54	IP54	IP55
OPERATING TEMPERATURES	-10°C to 40°C	-15°C to 40°C optional -30°C	-10°C to 40°C optional -30°C
HUMIDITY	30% to 90%	30% to 90%	30% to 90%
WEIGHT	6 kg	60 kg	210 kg

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