

*power to change the world*

**wattDREAM**   
*mobility charge system*



**OEMKIOSKS** 



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After years of research and much speculation, the widespread production of electric vehicles (EV) and hybrid electric vehicles (PHEV) is now a reality. Most major automobile manufacturers, along with dozens of new electric vehicle manufacturers are producing vehicles that are partially or fully powered by rechargeable batteries.

It is estimated that there will be one million electric cars in the U.S. til 2017 and a charging station for the 2:1 traditional vehicles.

The strength of the green movement, volatile oil prices and the need to reduce dependence on foreign oil have created the best environment for the success of electric and hybrid electric vehicles.

With the launch of more and more electric vehicles manufacturers, drivers share a common concern of running out of energy on the road. This "anxiety" is a key barrier to the acceptance of electric vehicles. The installation of charging stations at places of leisure and work will alleviate this concern. With an extensive network of public and semi-private stations in several locations, there are no limits to the revolution of the electric vehicles.

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The WattPlace charging stations are intelligent, elegant and easy to use for the driver of electric cars of today and tomorrow. As the EV market is flourishing, consumers need a convenient, reliable and easily accessible way to charge the electric vehicle outside the house. WattPlace stations are safe, reliable, and easy to use in public or commercial places.



The WattPlace stations can be installed with different types of connectors, standard connectors or sockets SAE J1772, and can combine various types of connectors / sockets for a wider variety of vehicles.

These stations have a touchscreen display for easy reading and may have different types of payment methods like credit card, coins and bills readers and even a system of charging of "users card"s with a balance cash - the WattCard. These cards can be loaded with money on the Internet or ATM.

Through some simple steps, you start charging, in a process similar to traditional methods of the gas stations, but much more interactive.

The display can be configured to show users a variety of graphics, including logos, advertisements, or security information.

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The stations are designed to have an appealing design and easily identifiable. They can be produced in painted steel or stainless steel and can be installed inside or outside with a interactive touch screen display that shows all the informations. It's possible to present to the consumers websites related to CO2 emissions.

## Software Features

- Card Charge via direct payment (coins, bills and credit card);
- Possibility of charge the unused time even the users without "user card"/account;
- Client accounts;
- Card Charge in the terminal;
- Balance History;
- Charge History;
- Possibility of various vehicles per customer;
- Web server centralized data;
- Web Account with statistics and other relevant information.





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The WATTPLACE charging stations are safe, reliable, and easy to use in public or commercial sites.

The wattdream born of the need to provide users of electric transportation a simplified way to charge their cars.

Existing systems provide these features in part, but with this project we go further to modernize and simplify this process, hence the possibility that users can load their vehicles without the use of cards. This feature coupled with the fact that the user card can be charged at the terminal (money or credit card) avoid users the need to travel anywhere to charge the "user card" or even to request a new one.

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The Wattcard allows you to charge your account and then will be much easier to connect and charge your car to the wattplace kiosk. The card charging can be made by ATM or cash in the kiosk. Then just connect the power plug to your car and enter the card that will be displayed on the screen all indications. Just pick how many minutes to charge your car that the kiosk does the rest. It's so easy that anyone can park and leave the car to charge while going to shopping, have lunch or play.



## Technical Features

### Dimensions

- H1600 W450 D260mm

### Weight

75 kg aprox.

### Configuration

- Stainless steel or painted steel AISI304 (RAL colors)
- Sheet 1.5 mm/2mm
- Display de 17"

### Power Specifications

- AC Power Output (maximum) - 3.8KW (240V AC) 16A continuous circuit load.
- AC Power Input - 3.8KW (240V) 16A Continuous load circuit.
- Circuit Breaker - 16A max load per circuit
- Charging Connectors - 16A - 6h
- 240V AC, IP44

### Security and Operational Specifications

- Ground Protection 30mA
- EMI Compatibility, FCC part 15 class A

### Functional interface

- LCD Resolution - 1280x768px
- Screen Features - 17"Diagonal Touchscreen antivandalic



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