

# ROBOCHARGER®



## Autonomous Charging For Hybrid And Electric Cars

- A new class of Self-Charging Cars. Intelligent cars that can feed themselves.
- Concealed roof-mounted built-in Omnidirectional Robotic Arm. Capable of charging in any parking position.
- Fully automated self-charging functionality. Eliminating the chore for manual charging.
- Wireless non-contact induction charging technology.

Bluemass Robotics Inc.  
Vancouver, British Columbia, Canada  
[contacthq@bluemassrobot.com](mailto:contacthq@bluemassrobot.com)

[www.bluemassrobot.com](http://www.bluemassrobot.com)

**BLUEMASS**  
ROBOTICS



## The Robocharger Advantage

Robocharger is a patented technology of autonomous charging for electrically driven vehicles. The robotic arm is fully recessed & concealed into the roof of the car. Robocharger provides an indispensable value solution for hybrid / electric car users with a fully automated self-charging functionality, eliminating the need for manual charging. It takes away the tedious chore out of the equation in electric car ownership, and liberating owners to simply enjoy electric motoring, without hassle to one's busy schedule.

The flexibility of the onboard robotic arm gives the car distinct advantage ability to charge the car parked in different positions. A patented technological supremacy of Robocharger.

Electric car owners need simply to drive up to their home garage, or to a public charging kiosk to have their cars recharged automatically, without a need to lift a finger. The onboard robotic arm will engage with the EVSE charging station, and disengage automatically when the charge is completed.

## Autonomous Street-Side Charging

Self-Charging Cars (SCC) can "feed" itself along the streets, wireless. The robotic arm link the SCC to the charging port mounted on the streetlamp. In contrast to conventional cars having to refuel at designated petrol gas stations, SCC can recharge itself anywhere along the streets. Every streetlamp can potentially be a charging station, greatly diffusing the "range anxiety" in electric car motoring. The SCC charging usage & payment can be automatically be updated on the user's online account.

## Periscope Zoom Camera Feature

Robocharger is fitted with an integrated zoom video camera connected to the car onboard screen display. This provides an aerial view of the road ahead with the extended overhead robotic arm, view blind spots, zoom in a distant view, and capture still or video recordings.

