



TokenMaster

The Entry Level EV Charging Management Solution

- *Easy to Install*
- *Easy to Use*
- *Easy to Manage*

Prepared for:

Date:

Account Manager:



TokenMaster - Index

TokenMaster - Overview	Page 3
TokenMaster - Setting the Tariffs	Page 4
TokenMaster - EV Driver Use	Page 5
TokenMaster - Host Benefits	Page 6
TokenMaster - Driver Benefits	Page 7
TokenMaster - Charging Points	Page 8



TokenMaster - Overview

The Entry Level EV Charging Management Solution

The TokenMaster system has been designed and developed to provide a simple pay-to-charge electric vehicle charging solution ideal for private car parks at hotels, offices, factories, warehouses, leisure centres, retail, commercial premises, etc.

This simple solution allows the EV driver to either purchase or be free-issued with a token which, when inserted into the charging point, provides them with a pre-determined period of electric vehicle charging.

Each charging point is equipped with a digital data screen which provides the EV driver with information relating to their charging cycle including how much time is left on the charge.

IDEAL FOR:

- Hotels
- Guest Houses
- Offices
- Schools
- Retail Outlets
- Leisure Centres
- Events
- Factories
- Warehouses/Depots
- Restaurants
- Hospitals
- Doctor's Surgeries
- Private Car Parks



Charging Tokens



TokenMaster - Setting the Tariffs

The EV Charging Unit Host/Management/Owner

The host/operator can easily and quickly set the EV charging time period per token using the keyswitch control in association with the LCD digital display/keypad configurator.

For example, the host/operator may want the EV driver to pay £5 for a 2 hour 32amp (7.2kW) charge per token.

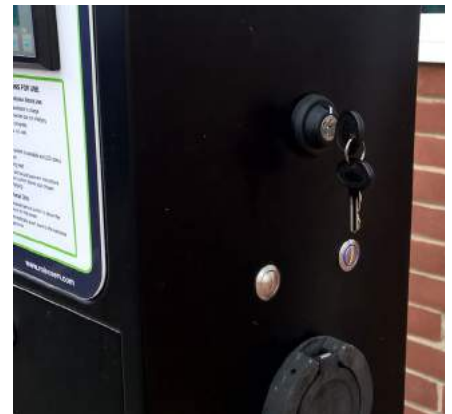
INITIAL TARIFF SET UP

The host/operator chooses the charging time period per token and then inserts their master key into the keyswitch control, turning it to initiate the tariff set up procedure.

Then, depending on whether increasing or decreasing the time, uses F3 or F4 on the keypad configurator in association with the digital display, scrolling up or down in units of minutes to set the time period of the charging they wish to provide.

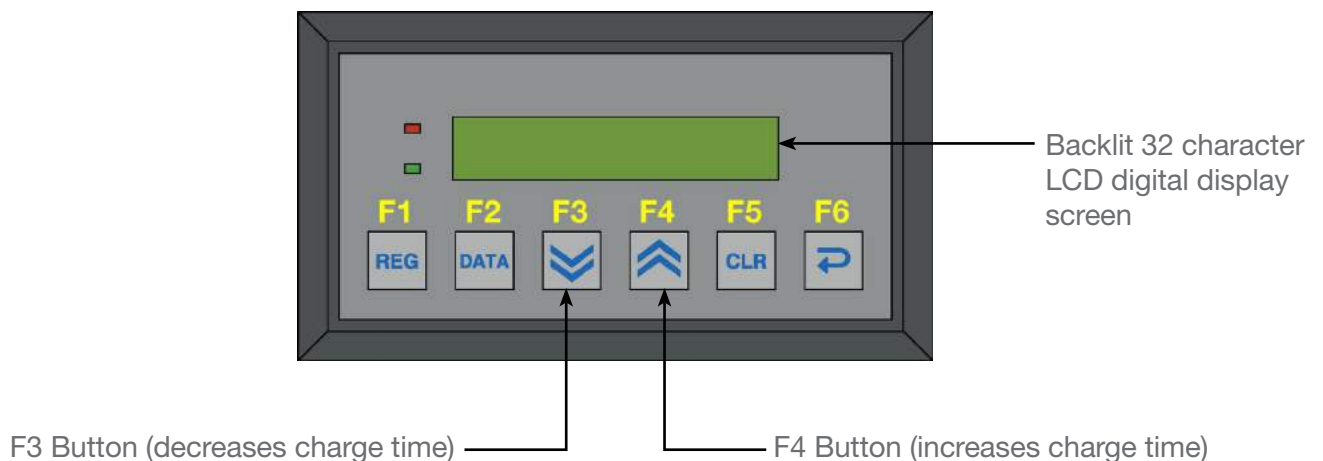
CHANGING THE TARIFFS

To change the tariffs, ie: change the amount of charging time provided per token, the host/operator simply follows the Initial Tariff Set Up procedure above using the keyswitch control in association with the keypad configurator/digital display and the F3 button (decreasing charge time per token) or the F4 button (increasing charge time per token) to set the new tariff.



Keyswitch Control

OMRON 6-Key Operator Interface complete with LCD Digital Display and Keypad Configurator



TokenMaster - EV Driver Use

The Charging Point / The EV Driver

The TokenMaster system has been designed to be as simple and user friendly as possible for the EV driver.

Upon arriving at the charging point, the LCD digital display will show a “Welcome” message (see Image 1) and the driver is then able to operate the TokenMaster charging point as follows:

EV DRIVER - USING THE CHARGING POINT

- Obtain a charging token from the host/ operator
- Choose an available charging socket (flashing blue LED status indicator)
- Insert your charging cable into your chosen charging socket
- Insert the token into the token mechanism
- Press the Service Selection button adjacent to your chosen charging socket
- Charging will initiate automatically
- To view charging time available, press the Service Selection button adjacent to your charging socket and view on display screen
- To add further charging time, simply insert another token
- The charging cycle will automatically cease under the following circumstances:
 - o The charging time has expired
 - o The vehicle’s charging requirements are complete
 - o The EV driver has mechanically disengaged the vehicle
 - o The EV driver has mechanically disengaged the charging cable



1) “Welcome To Rolec EV”



2) “Time Remaining 0049 Minutes”



TokenMaster - Host Benefits

Why Choose TokenMaster?

- ✓ Low cost simple solution
- ✓ Easy to install - you only need an electricity supply
- ✓ Control who uses your EV charging points
- ✓ Charge for the use of your EV charging units
- ✓ Minimal management resources required
- ✓ No annual membership fees or monthly subscriptions
- ✓ No license fees
- ✓ Simple EV charging for visitors, customers, staff, etc.
- ✓ Easy set up and amending of charging tariffs
- ✓ Easy removal of any unused charge time
- ✓ Branding opportunities

Some of the companies already benefiting from TokenMaster:



TokenMaster - EV Driver Benefits

Why Choose TokenMaster?

- ✓ Simple to use
- ✓ No annual membership fees or monthly subscriptions
- ✓ Pay-as-you-go
- ✓ View remaining charging time
- ✓ Add additional charging time at any point

Compatible with all makes of EV



Mercedes-Benz



RENAULT



HYUNDAI



Audi

and many more...



TokenMaster - Charging Points

TokenMaster is compatible with an extensive range of Rolec EV's charging points, including AutoCharge Pedestals, SecuriCharge Wall Units and EV ControlCentres. All of these charging points have been specifically designed and manufactured for both commercial and public facing environments and are pre-wired and ready for immediate installation.

All of Rolec EV's charging points are IEC 61851-1 Mode 3 communication compliant, are compatible with all available EVs and PHEVs, and can be branded in keeping with your corporate requirements.



ROLEC EV AUTOCHARGE PEDESTALS

- Manufactured in heavy duty, vandal resistant steel, powder coated black as standard
- Uses IEC62196 (type 2) Mode 3 charging sockets
- Available in 1way and 2way charging options
- Charging available in:
 - 16amp (3.6kW) / 32amp (7.2kW) single phase
 - 16amp (11kW) / 32amp (22kW) three phase
- Dimensions H 1275mm x D 250mm x W 330mm



ROLEC EV SECURICHARGE WALL UNITS

- Manufactured in heavy duty, vandal resistant steel, powder coated light grey body/dark grey fascia as standard
- Uses IEC62196 (type 2) Mode 3 charging sockets
- Available in 1way and 2way charging options
- Charging available in:
 - 16amp (3.6kW) / 32amp (7.2kW) single phase
 - 16amp (11kW) / 32amp (22kW) three phase
- Dimensions H 560mm x D 125mm x W 220mm



ROLEC EV CONTROLCENTRE (IDEAL FOR UNDERGROUND CAR PARKS)

- Manufactured in heavy duty, vandal resistant steel, powder coated black as standard
- Available as a 6way, 12way or 18way version
- Compatible with the entire Rolec EV charging product range



TokenMaster

The Entry Level EV Charging Management Solution

- *Easy to Install*
- *Easy to Use*
- *Easy to Manage*



Head Office:
Rolec Services Ltd
Ralphs Lane, Frampton West
Boston, Lincolnshire
UK. PE20 1QU

Tel: +44 (0) 1205 724754
Fax: +44 (0) 1205 724876
Email: rolec@rolecserv.co.uk

www.rolecserv.com