

# FUEL FORCE®

*The Premier Standard in Fuel Management*

## FuelForce Fuel Controller Overview



### **FuelForce® Advantages:**



Durable and  
Reliable Hardware



Secure Authorization  
and Reporting



Wireless Data &  
Reporting Access

Brought to you by

**MSC** MULTIFORCE  
SYSTEMS CORP

sales@fuelforce.com 609.683.4242

## FuelForce® Fuel Management

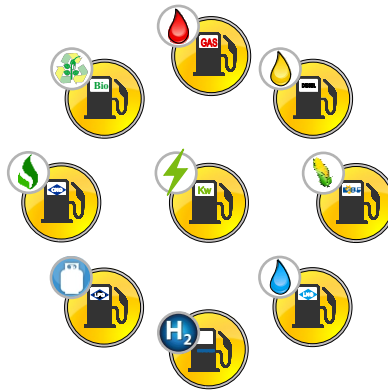
Control your fuel costs, increase your efficiency, and optimize your fleet operations with rugged and reliable automated fuel management systems from FuelForce®.

The FuelForce® line of unattended fleet fueling systems provides solutions for the smallest fleet to the largest multi-site operation. Since 1981, FuelForce® hardware and software have provided fleet owners with a flexible and cost effective point of fueling access control with advanced management reporting and analytics that allow managers to understand events and trends.

The FuelForce® Fuel Controllers are designed to meet the needs of your fleet and facility operations by coordinating all your input and communication requirements. All FuelForce® solutions provide secure, automated fuel access through a keypad, display, and either hardwired or wireless communication approach.

### Manage Multiple Fuel Types

The FuelForce® platform is built upon decades of experience in managing fleet fuels of all types, from petroleum unleaded gasoline and diesel, to alternative bio-fuels like bio-diesel and E-85 to CNG, propane, hydrogen, to even electricity with the FuelForceEV™ solution. Our fuel controllers can also manage the dispensing of aviation fuels and lubricants.

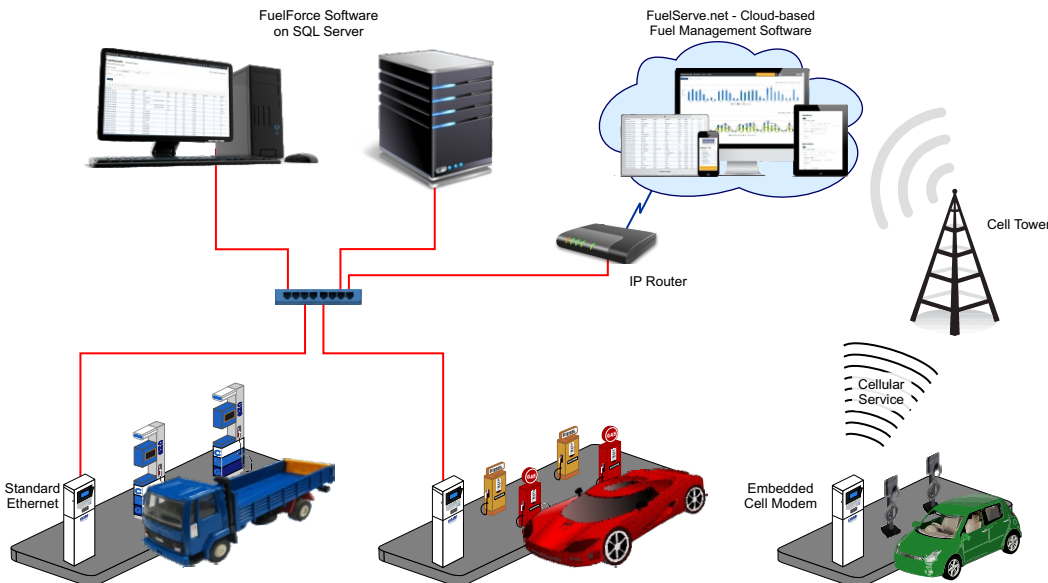


*"Switching to FuelForce fuel management was one of the best things that could have ever happened to us."*

*— Bruce Bringham  
Supervisor Vehicle  
Maintenance  
Mesa Public Schools*

## Connectivity Options

The FuelForce® Fuel Controllers give you both wired and wireless connectivity options. Each controller comes with a standard ethernet port for attachment to a wired network or through a wireless transceiver. Most common, however, is the use of an embedded cell modem. Each of these options allows for connectivity to our FuelServe.net cloud-based management software as well as our FuelForce® Server Software options.



*"We have worked closely with FuelForce in order to develop an invoicing system that provides a turn-key operation for us. Forging a solid relationship was easily attainable right from the beginning and we are confident our relationship will continue to grow stronger in the future. FuelForce has been a company that has been extremely responsive in servicing our particular fueling requirements."*

*--Valerie Mellon  
Director of Public Works  
City of Menominee, Michigan*

## FuelForce® 814 Features & Benefits

The FuelForce® 814 Advanced Fuel Controller allows drivers to utilize a keypad, key fob, proximity card, or an RFID-based automated identification approach to authorize and control the dispensing of fuel products to fleet vehicles. As the fuel is dispensed, each transaction is logged and the system collects accurate and valuable fuel usage and vehicle data for fuel accounting and fleet maintenance.

FuelForce® components are unmatched in their ease-of-use, by both vehicle operators and management personnel alike. The FuelForce® Fuel Management System can be implemented in stages, allowing you to add sites in sequence and to gradually replace or supplement your old system.



*"FuelForce delivers a quality product that we can always count on and has consistently been there in order for us to deliver our important business fueling requirements."*

— Todd Richardson  
Director, Fleet Management at City & County of Denver

## Specifications

- Functional at -20° to 140°F and 95% humidity
- Weather & corrosion resistant housing
- Solid state data storage
- Glare free hood design
- Full alphanumeric flat faced keypad
- Large 16 line, 48 character LCD backlit screen
- "Add Products" button for entering fluids
- Remote diagnostics and system updates
- Controls gates and car washes
- Powerful surge protection included
- Underwriters Laboratories approved
- 110V AC; +5V DC

*"We have had FuelForce in place for the last two years. It has been one of the best decisions we have made at our company. We now have control over our fuel. We can keep better track of where our fuel is, we can calculate our trucks' MPG better, and we have put a stop to lost fuel."*

— Cris Nichols  
Controller at James A. Fulton & Sons

## FuelForce® 814 Configurations

Product	Description	Input	# of Hoses
FF814-A	Island-Mounted Site Control Terminal	<b>Alphanumeric Keypad</b>	Up to 8
FF814-K	Island-Mounted Site Control Terminal	<b>Proximity Card Reader</b> and an Alphanumeric Keypad	Up to 8
FF814-C	Island-Mounted Site Control Terminal	<b>Magstripe Card Reader</b> and an Alphanumeric Keypad	Up to 8
FF814-R	Remote Island Terminal	Alphanumeric Keypad, Proximity Card or Magstripe Reader Option	Up to 8
FF814-W	Wall-Mounted Site Control Terminal	Alphanumeric Keypad, Proximity Card or Magstripe Reader Option	Up to 8

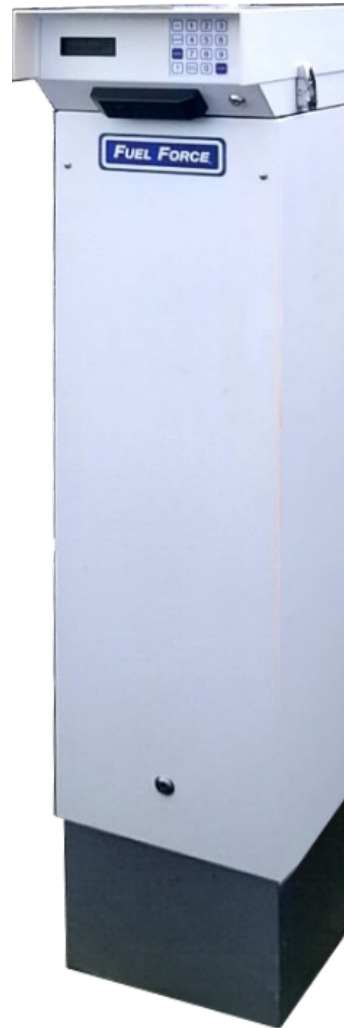
## FuelForce® 894 Features & Benefits

The FuelForce® 894 Standard Fuel Controller allows drivers to utilize a numeric keypad, magnetic stripe card, key fob, or proximity card to authorize and control the dispensing of fuel products to fleet vehicles. As the fuel is dispensed, each transaction is logged and the system collects accurate and valuable fuel usage and vehicle data for fuel accounting and fleet maintenance.

FuelForce® components are unmatched in their ease-of-use, by both vehicle operators and management personnel alike. The FuelForce® Fuel Management System can be implemented in stages, allowing you to add sites in sequence and to gradually replace or supplement your old system.

## Specifications

- Functional at -20° to 140°F and 95% humidity
- Weather & corrosion resistant housing
- Solid state data storage
- Glare free hood design
- Numeric 16-button flat faced keypad
- 4 line, 80 character LCD backlit screen
- "Add Products" button for entering additional fluids such as oil
- 50,000+ vehicles & 50,000+ driver capacity
- Remote diagnostics and system updates
- Hardwire, network & wireless communication capabilities
- Powerful surge protection included
- Underwriters Laboratories approved
- 110V AC; +5V DC



*"Switching to FuelForce fuel management was one of the best things that could have ever happened to us."*

*— Bruce Bringham  
Supervisor Vehicle  
Maintenance  
Mesa Public Schools*

*"We have worked closely with FuelForce in order to develop an invoicing system that provides a turn-key operation for us. Forging a solid relationship was easily attainable right from the beginning and we are confident our relationship will continue to grow stronger in the future. FuelForce has been a company that has been extremely responsive in servicing our particular fueling requirements."*

*--Valerie Mellon  
Director of Public Works  
City of Menominee, Michigan*

## FuelForce® 894 Configurations

Product	Description	Input	# of Hoses
FF894-A	Island-Mounted Site Control Terminal	<b>Numeric Keypad</b>	Up to 4
FF894-K	Island-Mounted Site Control Terminal	<b>Proximity Card Reader</b> and a Numeric Keypad	Up to 4
FF894-C	Island-Mounted Site Control Terminal	<b>Magstripe Card Reader</b> and a Numeric Keypad	Up to 4
FF894-T	Truck-Mounted Site Control Terminal	<b>Numeric Keypad</b>	Up to 4

## FuelForce® Exacta Features & Benefits

The FuelForce® Exacta Fuel Controller is a modular controller designed to be embedded in a **Bennett 3000 Series Electronic Dispenser** or as a standalone unit. It allows drivers to utilize a numeric keypad, magnetic stripe card, key fob, or proximity card to authorize and control the dispensing of fuel products to fleet vehicles. As the fuel is dispensed, each transaction is logged and the system collects accurate and valuable fuel usage and vehicle data for fuel accounting and fleet maintenance. The Exacta controls up to 4 pumps or 4 hoses & eliminates attended fueling and theft by using major credit cards. Now you can offer your customers 24 hour unattended fueling with receipts! The same fuel controller allows you to set up "House Accounts" in addition to accepting cash!



*"Best Product Ever!!  
We have never been so happy with a product like this. We love the fact that we can get up to date information, giving us a perfect chance to get most accurate budgets possible.  
Very user friendly."*

*— Mary McDermott  
Shop Administrator at  
Cleland Site Prep Inc.*

## Specifications

- Functional at -20° to 140°F and 95% humidity
- Weather & corrosion resistant housing
- Solid state data storage
- Numeric 16-button flat faced keypad
- 4 line, 80 character LCD backlit screen
- 50,000+ vehicles & 50,000+ driver capacity
- Remote diagnostics and system updates
- Hardwire network & wireless communication capabilities
- Powerful surge protection included
- Underwriters Laboratories approved
- 110V AC; +5V DC

*"The ease of use for FuelForce makes it a breeze to tabulate fuel usage at our school bus location. I definitely recommend it to anyone who needs to manage fuel usage."*

*— Alberto Silva  
Transportation  
Coordinator at  
Willingboro Schools in  
New Jersey*

## FuelForce® Exacta Configurations

Product	Description	Input	# of Hoses
<b>EXACTA</b>	Numeric keypad fuel controller for installation in a Bennett Dispenser	<b>Numeric Keypad</b>	Up to 4
<b>EXACTA-K</b>	Proximity Card Reader for installation in a Bennett Dispenser	<b>Proximity Card Reader</b> and a Numeric Keypad	Up to 4
<b>EXACTA-C</b>	Mag Stripe Card Reader for installation in a Bennett Dispenser	<b>Magstripe Card Reader</b> and a Numeric Keypad	Up to 4
<b>EXACTA-SAT</b>	Satellite Site Control Terminal (up to 7 allowed per master)	<b>Numeric Keypad</b>	Up to 4
<b>EXACTA-P</b>	Adder for Pedestal Mounted EXACTA	Same Options as above	Up to 4

## FuelForce® Truck Controller Features & Benefits

FuelForce® Mobile Tanker Units provide organizations with mobile fueling trucks to have the full advantages of fleet fuel management extended to the field. The FuelForce Mobile Tanker Unit is a fuel controller that authorizes, captures, and records fuel & other dispensed fluids from your tank truck or pickup truck mounted fuel dispenser with wireless or cellular data transfers. Available with a 10-key or alphanumeric keypad, the FuelForce® Mobile Tanker unit controls all fuel dispensed to heavy construction equipment, agricultural equipment, and other off road and mobile vehicles, or on the job site by mobile fuel delivery trucks with ease and accuracy.

Now you can validate vehicle ID, fuel type, and even meter readings prior to authorizing a transaction. The fuel truck operator enters the odometer or hour meter followed by the vehicle number and the hose number. The Mobile Tanker Truck unit has the option of entering fuel quantity manually or automatically through the FuelForce dispenser interface module. The transaction is date/time stamped and stored in solid state memory until it is transmitted back to the cloud.

The FuelForce Mobile Tanker Truck Control Unit consists of 2 main components, a site control processor, mounted into the cab, and the input terminal which is mounted on the chassis. The FuelForce Unit, when all Truck Preparation Modifications are completed, will provide the electronic authorization and recording for 1 or 2 hoses.



**Site Control Processor**



**Input Terminal**

*"Very Pleased! Very easy to pull necessary data, especially for tax returns on our diesel fuel! Helped us tremendously for a particular lawsuit by the amazing tracking details this program provides. It is very useful for many different purposes!"*

*— Jessica Seney  
Accounting at  
South State, Inc.*

## Specifications

- Functional at -20° to 140°F and 95% humidity
- Weather & corrosion resistant housing
- Solid state data storage
- "Add Products" button for entering fluids
- Remote diagnostics and system updates
- Underwriters Laboratories approved

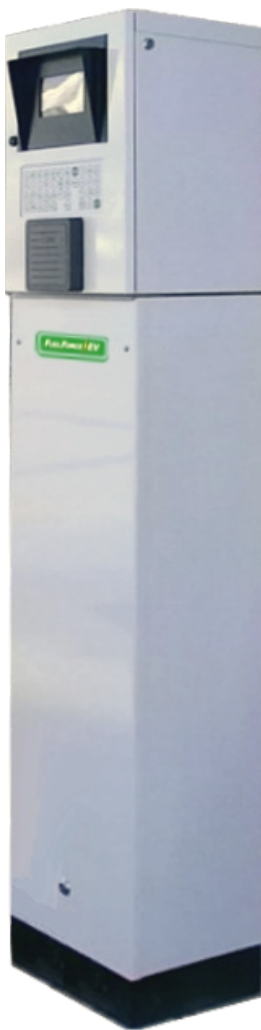
## Configuration Options

Communication via RJ-45 jack -

- A) Factory provided cellular data modem and antenna, or
- B) With client supplied and installed wireless network bridge.

## FuelForce® 814-EV Features & Benefits

The FuelForce® 814-EV Advanced Power Controller allows fleet managers to track electricity used for EV charging in the same way they would for standard fuel under fuel management. The result is the ability to track electricity by vehicle, driver, or department, all alongside the fuel use of liquid fuels. Integration of EV charging transactions with a fleet's other fueling transactions is the primary benefit of the FuelForce EV system.



### Specifications

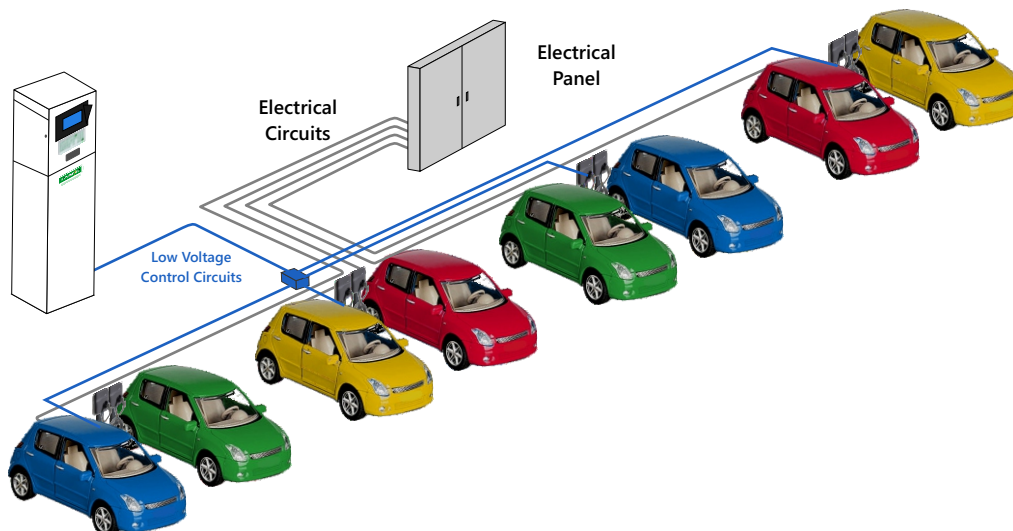
- Functional at -20° to 140°F and 95% humidity
- Weather & corrosion resistant housing
- Solid state data storage
- Glare free hood design
- Full alphanumeric flat faced keypad
- Large 16 line, 48 character LCD backlit screen
- Remote diagnostics and system updates
- Powerful surge protection included
- Underwriters Laboratories approved
- 110V AC; +5V DC

*"Our drivers tell us that this is the easiest system they have ever used. Here in the office, the system provided utmost accuracy and ease of use for billing and tracking purposes. Great system and great value for the money!"*

*— Jenna Miles  
Delivery Coordinator at  
MW Sewall*

### Configuration Options

The 814-EV provides a control point for electric vehicle fleets, eliminating unauthorized EV charging by validating each charging transaction and tying that data back to the driver, vehicle, or department. The 814-EV controls and measures the power used to charge electric vehicle fleets.



*"Call support is great. Call back from customer service is timely and they always answer my questions. The ability to create specialty reports is a great feature."*

—Brian Barwick  
Controller at  
Jess Howard Electric  
Co.

## World-Class Customer Support

When you purchase a FuelForce® system, you are not only purchasing the premier fleet fuel management system available, you also have the support of a professional staff that is able to answer every question you may have.

To Contact Multiforce Customer Support:

Email: [customersupport@fuelforce.com](mailto:customersupport@fuelforce.com)

Phone: (800) 257-9512

Hours: Monday - Friday

8:00 am to 8:00 pm EST

24 / 7 Support Plans Available



To learn more or to setup a demo contact us:  
**Multiforce Systems Corporation**  
Phone: **609.683.4242**  
Email: [sales@fuelforce.com](mailto:sales@fuelforce.com)



101 Wall St, Princeton, NJ 08540  
[www.fuelforce.com](http://www.fuelforce.com)

