



[Wind Generators Starting from just \\$475!](#)

**If you have a printed ad e-mail or call to receive your discounted price**



[Tower plans for only \\$20](#)



[Parts and Wiring Kits](#)

Welcome to **Mike's Windmill Shop!** We strive to bring you high quality products at a great price! We pride ourselves in our friendly and prompt customer service. We offer [wind generators](#), [charge regulators](#), [tower plans](#), [blades](#), [permanent magnet alternators](#). We are always adding something new so check back often to see what we have.

**NOW AVAILABLE** We now have easy to follow [plans](#) for building a tilt-up tower for your wind generator

**SALE!**

**Limited time  
800E priced at only \$389**

Gain your independence from the utility companies! Wind power makes a wonderful combination with solar or can be used as a sole power source if you live in a good wind area. Wind can be used as "back up" power in the event of a power outage; is an economical and excellent source of electricity if you live outside of the power grid and is environmentally sensitive. Install just one system to use as a back up power source or several and power your entire house! It is much easier and cost efficient to set up several of these 600 watt systems than a 3-5,000 watt generator if you want to power your entire home. We had one man tell us that he had his systems all set up and the utility meter reader came by to do a meter reading. He looked all around and could not find a meter. He asked where it was and when the home owner pointed to his wind generators the meter reader just drove away shaking his head. This was a magic moment for that home owner and he was hooked on producing his own power.

Let us help you gain your independence from the utility companies! Wind power is also great for preparedness. An outstanding resource for your freezer in the event of power outages, the ability to run lighting and small appliances and the best part is NO utility bills to mail to the electric company!

**Mike's Windmill Shop** is a family owned business located in Northeastern Arizona. We offer a variety of products from complete Windmill Systems ready for installation or parts for the Do-It-Yourself crowd. We invite you to browse our web site for products that will enhance your quality of life. Should you choose to order online, we offer secure services via [Pay Pal](#). We look forward to hearing from you today! You can also order with a major credit card by phone.

Thanks for  
looking!

Free counters provided by [Andale](#).

**Mike's Windmill Shop**

1391 Branch Lane Show Low, Arizona 85901 (928) 532-1607

e-mail: [gossmj@wmonline.com](mailto:gossmj@wmonline.com)

Design by: [Falcon Marketing & Design, LLC](#). ©Copyright 2003. All rights reserved. Hosted by [White Mountains Online](#)

---



**Wind Generators Starting  
from just \$450!**



[Home Page](#)

[Warranty](#)

[About Pay Pal](#)

Hi, I'm Mike. Our shop evolved from necessity in our having spent many years developing our love of wind power. One day I had to climb a tower in over 80 MPH winds to tie down a wind generator

to make sure it would stay out of the winds in order to protect it from damage. I decided that enough was enough designed the Mallard 600D in order to be able to safely pull our generators out of the wind from the safety of the ground during periods of damaging winds. In addition, I also designed a tower that can be raised and lower by use of a winch so that when service was desired one would not have to climb up the tower for maintenance. The result brought about our Mallard Systems utilizing strong metals and heavy duty frames which withstand the elements.

Our heavy duty frames on the Mallard 600D System and the ability to be turned out of the wind by using a pole to pull the rings and release the tail offers convenience and safety making this system very simple to pull out of service if necessary. We have designed the high quality 600E for the economy minded. Although the frame is not as heavy duty as our deluxe model, it is still very sturdy. We're very excited to offer you the opportunity to use wind power to improve your life.

**Mike's Windmill Shop** is a family owned business located in Northeastern Arizona. We offer a variety of products from complete Windmill Systems ready for installation or "fun stuff" for the Do-It-Yourself crowd.

We invite you to browse our web site for products that will enhance your quality of life. Plus, you can order online! Should you choose to order online, we offer secure services via [Pay Pal](#). We look forward to hearing from you today!

**Mike's Windmill Shop**

1391 Branch Lane Show Low, Arizona 85901 (928) 532-1607

e-mail: [gossmj@wmonline.com](mailto:gossmj@wmonline.com)

Design by: [Falcon Marketing & Design, LLC](#). ©Copyright 2003. All rights reserved. Hosted by [White Mountains Online](#)



Fun Stuff  
for the  
Do It Yourselfer

### Permanent Magnet Alternator



**Permanent Magnet Alternator** - These PMA's have been made from remanufactured GM alternators. They each have a very strong neodymium magnet, specially wound stator, new bearings. These are the PMA's that we use in our Mallard systems and have such wonderful results from.

As with any wind generator take ALL safety precautions. Only work on putting up your wind generator during low or no winds. Use at your own risk.

**There are several easy, convenient ways to purchase our products by phone, by mail or online**

You can purchase securely online with a credit card or your checking account by going to

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

When you send payment through them send it to [gossmj@wmonline.com](mailto:gossmj@wmonline.com)

You may also mail a money order to us at  
Mike Goss  
Mike's Windmill Shop  
1391 Branch Lane  
Show Low, AZ 85901

**Or you can simply give us a call. We accept major credit cards by phone at 928-532-1607**

### 6 Blades & Hub



**Permanent Magnet Alternator**

\$199.00

Shipping in the lower 48 United States is \$15 by

## Tails



[Home Page](#)

[Warranty](#)

[About Pay Pal](#)

**Blades** - These blades are specially constructed of carbon fiber with an aerodynamic design. They have been tested in over 100 MPH winds and perform well.

Each set comes with a hub to attach the blades to your system. The 6 blades make a 59" diameter with the hub.

As with any wind generator take ALL safety precautions. Only work on putting up your wind generator during low or no winds. Use at your own risk.

**Tails** - We also offer steel tails that will work with up to 6' diameter wind generators. The tail has been primed to protect the steel and is ready for you to paint. The dimensions are 24" long X 19" at wide end and 6½" at short end. These are the tails that we use in our Mallard Systems.

As with any wind generator take ALL safety precautions. Only work on putting up your wind generator during low or no winds. Use at your own risk.

UPS Ground  
If you need shipping to Alaska, Hawaii or internationally contact us for a shipping quote.

**6 Blade & Hub Set**  
\$140.00

Shipping in the lower 48 United States is \$15.00  
If you need shipping to Alaska, Hawaii or internationally contact us for a shipping quote.

**Tails**  
\$19.00

Shipping in the lower 48 United States is \$10.50

If you need shipping to Alaska, Hawaii or internationally contact us for a shipping quote.

### Mike's Windmill Shop

1391 Branch Lane Show Low, Arizona 85901 (928) 532-1607  
e-mail: [gossmj@wmonline.com](mailto:gossmj@wmonline.com)

Design by: [Falcon Marketing & Design, LLC](#). ©Copyright 2003. All rights reserved. Hosted by [White Mountains Online](#)





Towers

[Back to Home Page](#)

**Tower plans now available for only \$15!**

**Below are views of what your completed tower should look like**

**(Click images to enlarge)**



[Home Page](#)  
[Warranty](#)

## PLANS NOW AVAILABLE

### Build an Easy to use tilt up wind generator tower

With these plans you can build a tower for your wind generator that will allow you to easily raise and lower the pole for installation and maintenance.

This tower uses a winch to do all the heavy work for you. No trying to lift the pole and hoping that it doesn't fall before getting it in to place. No more hurting your back to put up your wind generator.

You do not need to have anyone come help you to raise your tower because it can be done with only one person. We give detailed instructions on how to use materials available at most hardware stores, fencing supply companies and local metal yards, to build this tower.

We do have anchor kits and winches available for purchase. The instructions come with several pages of detailed diagrams, materials list, and instructions. Also if you have any questions you can e-mail for more instructions. Instructions are for a 20 foot tower

using a 1 1/2" (1 7/8" outside diameter) schedule 40 pipe but you can change the dimensions if you need it to be taller. If you need to use a 2" pipe it would be very simple for you to change the dimensions of the tower by simply placing the two side pieces a

little further apart. It will fit many different brands of wind generators. It is designed for 6' or smaller wind generator. If you are going with a bigger wind generator you would need to use larger pipe. We used to sell these towers but the shipping cost has gone too high so we decided to write out the instructions so that you can build them yourself.

Order today and First Class shipping is free in the US. If you need shipping outside of the US please e-mail for shipping cost.

**There are several easy, convenient ways to purchase our products by phone, by mail or online**

You can purchase securely online with a credit card or your checking account by going to [www.paypal.com](http://www.paypal.com)

When you send payment through them send it to [gossmj@wmonline.com](mailto:gossmj@wmonline.com)

You may also mail a money order to us at Mike Goss  
Mike's Windmill Shop  
1391 Branch Lane  
Show Low, AZ 85901

**Or you can simply give us a call. We accept major credit cards by phone at 928-532-1607**

[About Pay Pal](#)

**COST is only \$15 plus \$1 shipping by First Class Mail.  
For shipping cost outside of the US please e-mail.**

As with any wind generator take ALL safety precautions. Only work on putting up your wind generator during low or no winds. Use at your own risk.

We also have anchoring kits and winches available. Anchor kit includes the cables, anchor bolts, misc hardware and winch.

**COST for the anchor kit for a 20 foot tower is \$199 plus \$25 shipping in the US. For shipping cost outside of the US please e-mail**

If you only need a hand crank winch, those are available for **COST of \$49 plus \$15 shipping in the US. For shipping cost outside of the US please e-mail.**

If you need just **cable** we have high quality aircraft cable. It is 3/16" and is rated at 3700 lbs. We sell it for 50cents a foot plus shipping. Let us know how many feet and where it will be shipped and we can figure the shipping cost for you.



**Mike's Windmill Shop**

1391 Branch Lane Show Low, Arizona 85901 (928) 532-1607

e-mail: [gossmj@wmonline.com](mailto:gossmj@wmonline.com)

Design by: [Falcon Marketing & Design, LLC](#). ©Copyright 2003. All rights reserved. Hosted by [White Mountains Online](#)

---





## Charge Regulators/ Controllers

Our wind generators are made with unregulated power so that there are not computer parts that can easily break down. We offer charge regulators that can be used with up to 5 wind generators to regulate the power in the batteries. Our charge regulators are made to regulate right at the battery pack, not at the generator. Because they work with the battery they can regulate up to five 600 watt wind generators at the same time or they can be used with a combination of wind and solar power. There is no need to purchase a separate regulator/controller for every wind generator and every solar panel. We also offer a charge regulator for use with a single 600 watt wind generator if you are using only one for back up power.

[Home Page](#)

[Warranty](#)

[About Pay Pal](#)

Single generator use charge regulator \$79 plus shipping  
Multiple generator or combination wind/solar use charge regulator \$129 plus shipping

### Single charge regulator

\$79.00

Shipping in the lower 48 United States is \$5

For International shipping or to use a printed ad discount please e-mail or call

### Multiple use charge regulator

\$129

Shipping in the lower 48 United States is \$7.50

For International shipping or to use a printed ad discount please e-mail or call

**Scroll down to see the light boards that we offer for use as a diversion load. We also give instructions below that you can use to make your own.**

**There are several easy, convenient ways to purchase our products by phone, by mail or online**

You can purchase securely online with a credit card or your checking account by going to [www.paypal.com](http://www.paypal.com)

When you send payment through them send it to [gossmj@wmonline.com](mailto:gossmj@wmonline.com)

You may also mail a money order to us at  
Mike Goss  
Mike's Windmill Shop  
1391 Branch Lane  
Show Low, AZ 85901

**Or you can simply give us a call. We accept major credit cards by phone at 928-532-1607**

## Light boards to use as diversion load



You will need to make a diversion load to draw power when the regulator recognizes that the batteries are filling with too much power. We have instructions here that will show you how to build a light bar to use as a diversion load or you can purchase one from us that is already assembled and ready to go. You will need to use either 12 volt or 24 volt bulbs.

Light bar with 5 light kits, each capable of holding 2 bulbs.  
Bulbs sold seperately.  
\$75 plus shipping

12 volt 50 watt bulbs \$40/pack of 10 plus shipping  
24 volt 50 watt bulbs \$80/pack of 10 plus shipping

These 12 volt and 24 volt light bulbs are for use in the diversion load light boards. They are not an efficient way to get lighting for your home. For home use an inverter and use florescent bulbs.

To make a light bar to use as a diversion load for the charge regulator start out with 5 round plastic electrical boxes and screw them in to a board. We use a board that is 1"x8"x4'.



Next you will run 10 gauge or larger electrical wire through the boxes.  
Wire the red positive wires to each other and run the black negative wires

### Light board for use with 10 bulbs

\$75.00

Shipping in the lower 48 United States is

\$15.00

For International shipping please e-mail or call

### 10 pack of 12 volt light bulbs

\$40

Shipping in the lower 48 United States is \$7.50

For International shipping please e-mail or call

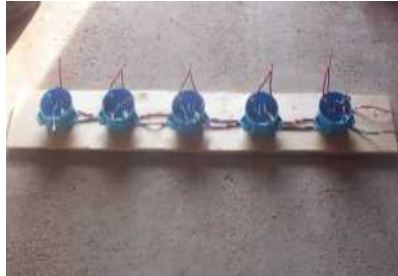
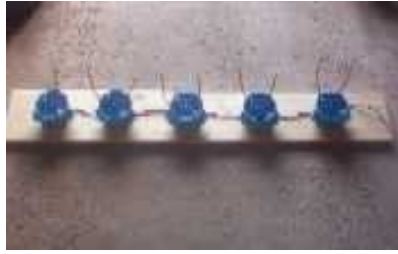
### 10 pack of 24 volt light bulbs

\$80.00

Shipping in the lowe 48 United States is \$7.50

For International shipping please e-mail or call

to each other. Do this between each box.



The next step is to attach your lights. Use wire nuts and wire the white wire from the light to the positive, red wire in the box. The black wire will be fastened to the black wire. We use a simple overhead bedroom ceiling light that will take two bulbs.



Next fasten down the light fixture to the box.



Do this with each light. Touch the wires to a battery to make sure that you have everything wired and working correctly. If you are using 12volt batteries you need 12volt light bulbs. If you are using a 24 volt system you will need 24 volt light bulbs. Now you are ready to hook the light board to your charge regulator. We provide instructions for our regulators.



**Mike's Windmill Shop**  
1391 Branch Lane Show Low, Arizona 85901 (928) 532-1607  
e-mail: [gossmj@wmonline.com](mailto:gossmj@wmonline.com)

Design by: [Falcon Marketing & Design, LLC](#). ©Copyright 2003. All rights reserved. Hosted by [White Mountains Online](#)

---



Wind  
Generators



Install just one system to use as a back up power source or several and power your entire house! It is much easier and cost efficient to set up several of these 800 watt systems than a 3-5,000 watt generator if you want to power your entire home. We had one man tell us that he had his systems all set up and the utility meter reader came by to do a meter reading. He looked all around and could not find a meter. He asked where it was and when the home owner pointed to his wind generators the meter reader just drove away shaking his head. This was a magic moment for that home owner and he was hooked on producing his own power.

**NOW AVAILABLE! We now have regulators available for use with our wind generators. They can also be used with a combination of wind and solar!!!**

[Regulators](#)

## MALLARD 800

### For our international customers To reduce shipping cost

To help reduce the shipping cost we give the option of purchasing the Mallard 800E without the tail piece. The tail has to ship in a separate package. By not shipping the tail it can greatly reduce the shipping cost. If you want this option we will also reduce the cost of the Mallard 800E by \$10 and we will give you the dimensions of the tail so that you can build your own. E-mail to tell us what country you are in and we will give you the shipping cost.

## WIND GENERATORS

**Mallard 800E** - Our most economical 800 Watt Wind Generator. Only **\$475.00. Now on SALE for \$389** This is a very economical 800 Watt Wind Generator. It has 6 carbon fiber blades with an aerodynamic design. The permanent magnet alternator has a very strong neodymium magnet, specially wound stator, new bearings and has been remanufactured from a GM alternator for maximum performance. Charges batteries in as low as 8-10 MPH winds. It has been tested in 100 MPH winds and stands safe and sound. If your batteries are fully charged, switch to a heater or something that will draw the excess power. This system has a fixed tail. We

**There are several easy, convenient ways to purchase our products by phone, by mail or online**

You can purchase securely online with a credit card or your checking account by going to [www.paypal.com](http://www.paypal.com)

When you send payment through them send it to [gossmj@wmonline.com](mailto:gossmj@wmonline.com)

You may also mail a money order to us at Mike Goss

Mike's Windmill Shop  
1391 Branch Lane  
Show Low, AZ 85901

**Or you can simply give us a call. We accept major credit cards by phone at 928-532-1607**

If you have a printed ad be sure to mention it for your discounted price!

[Back to Home Page](#)  
[Mikes Windmill Shop](#)

**Mallard 800E**  
(Click images to enlarge)



**Mallard 800E**  
**Price: \$475**

**SALE!**

**Limited time**  
**800E priced at only \$389**

shipping by UPS Ground in the lower 48 US States is \$50



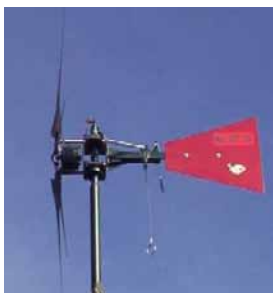
do not use a charge regulator. Less electronic parts mean less to break down. This model has a simple wire tension design so no slip rings are needed. That means there are no slip ring failures. This generator will mount to any 1½" pipe. It is a 59" diameter generator. Even though these blades are made of carbon fiber they are very sharp and can move very quickly in the wind causing severe injury.

To keep costs down our generators now come to you with an UNpainted tail. The tail is made of galvanized steel and should stand up to all weather conditions. It simply won't be red like our pictures show. The frame and PMA will still be painted.

If you require shipping to Alaska, Hawaii, APO address or International please call or e-mail and we will have a shipping quote for you within 24 hours.

Price includes complete wind generator. Does NOT include tower, wires, batteries or accessories. [Towers](#) are sold separately.

## Mallard 800D



[Home Page](#)  
[Warranty](#)  
[About Pay Pal](#)

Price includes complete wind generator. Does NOT include tower, wires, batteries, accessories or shipping. [Towers](#) are sold separately.

The variable 12/24volt and 24/48volt systems are great for those with low to average wind speeds. The 12/24 will charge 12 volt systems and 24/48 will charge 24 volt systems.

As with any wind generator take ALL safety precautions. Only work on putting up your wind generator during low or no winds. Use at your own risk.

**Mallard 800D** - Perfect for the vacation home owner who wants to be able to shut down the wind generator during the off season. The deluxe version 800-watt wind generator with features that allow you to turn the tail out of the wind from the safety of the ground, when you do not wish to have it in service. Only **\$575.00**. The Mallard 800D charges at lower wind speeds than the competition by producing 12V sooner. Starts charging in as low as 8-10MPH winds. Built to be very reliable with Heavy gauge metal, 6 carbon fiber blades. Aerodynamically tapered blades for maximum output. Permanent magnet alternator for efficient power with 800+ Watt 12V output. 6 blades give a lot more torque so there is no computer needed. No computer - no computer failures. With 6 blades this generator starts charging in lower winds than the competition. Mounts to any 1½" pipe.

To keep costs down our generators now come to you with an UNpainted tail. The tail is made of galvanized steel and should stand up to all weather conditions. It simply won't be red like our pictures show. The frame and PMA will still be painted.

This system is capable of putting out well over 800 Watts. The Mallard 800D has features that we have not found in other systems. Unique design with safety feature lets you flip the tail out of extremely high winds without having to climb the tower. When the storm calms down you can lock it back in right from the

### **Mallard 800D** **Price: \$599**

Shipping by UPS Ground to the lower 48 states is \$65

If you require shipping to Alaska, Hawaii, APO address or International please call or e-mail and we will have a shipping quote for you within 24 hours.

Price includes complete wind generator. Does NOT include tower, wires, batteries or accessories. [Towers](#) are sold separately.

ground. These blades have been tested at over 100 mile an hour winds but as with any wind generator when there are extreme winds it is best to turn it out of the wind.

We offer a simple wire tension design to eliminate the need for slip rings and this makes the Mallard 800D more reliable. This method has been used for many years with no problems detected. Unregulated D/C voltage for more reliability and power. If the batteries get too full, simply flip on some light switches or hook a switch to bypass to heater or another load. Or, you can very simply flip the tail out of the wind right from the ground.

This system is a 59" diameter generator. Included are 6 carbon fiber blades, hubs, frame, permanent magnet alternator and tail. System does **NOT** include tower, wires or batteries. All parts are new with the alternators made from remanufactured GM alternators with new professionally wound stators that are specifically wound for wind generators. Also included are new bearings and a very powerful mass neodymium magnet. As the bearings break-in, the system requires lower winds to engage. This is a very economic, high quality system at a low price. Available in 12volt, 12/24volt, or 24/48volt. Please specify which voltage you want. 12 volt is an ideal system for people who live in high wind areas. 12/24volt and 24/48volt systems are great for those with low to average wind speeds.

As with any wind generator take ALL safety precautions. Only work on putting up your wind generator during low or no winds. Use at your own risk.

**Mike's Windmill Shop**

1391 Branch Lane Show Low, Arizona 85901 (928) 532-1607

e-mail: [gossmj@wmonline.com](mailto:gossmj@wmonline.com)

Design by: [Falcon Marketing & Design, LLC](#). ©Copyright 2003. All rights reserved. Hosted by [White Mountains Online](#)

---



## **What is PayPal?**

PayPal is an account-based system that lets anyone with an email address securely send and receive online payments using their credit card or bank account.

## **Is PayPal secure?**

Yes. PayPal uses SSL technology to keep your information safe. In addition, when you send a payment using PayPal, the recipient won't receive sensitive financial information like your credit card or bank account number. This way, you don't have to worry about paying people you don't know.

## **Does it cost money to sign up for PayPal?**

No. It is free to open and send money using a PayPal account. We do charge modest fees for our Premier and Business members to receive payments.

## **How do I sign up for PayPal?**

Signing Up for PayPal is simple and easy! [Click here!](#) When you have established your PayPal account, simply close this window and proceed to order our products!

[Close Window](#)