

# WIND & SOLAR DUAL INPUT SYSTEM

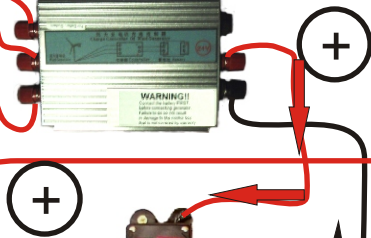
TURBINES 200w & 500w 12v/24v



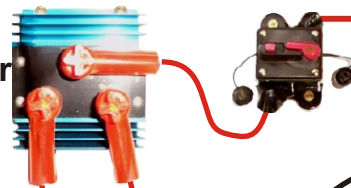
TURBINE CUT-OFF SWITCH



WIND CONTROLLER

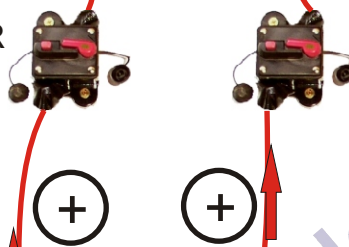


Dual Battery Isolator



The voltage must be the same on both banks

DC BREAKER SWITCHES



SOLAR CONTROLLER

12v/24v  
PURE SINE WAVE INVERTER



240VAC OUT

SOLAR PANELS



12v/24v



12v/24v

BATTERY BANK 1

12v/24v

BATTERY BANK 2

THIS IS NOT A GRID CONNECT SYSTEM

**To answer your question, No you can't use the same controller for both wind and solar, but you can work around this.**

#### WIND GENERATORS REQUIRE A DIFFERENT CONTROLLER TO SOLAR PANELS

They can be setup to supply one load by using a [Dual Battery Isolator](#). This will set you back about a \$100 plus another similar amount for a solar controller depending on how big you intend to grow your system.

Please take a look at the Diagram on page1 for an example of how it works. With the use of this item you can prevent the dumping of power from a charged bank of batteries to a discharged one. I hope this is of use to you.