

ELECTRONICALLY REPRINTED FROM

RV

WINTER 2012

MAGAZINE

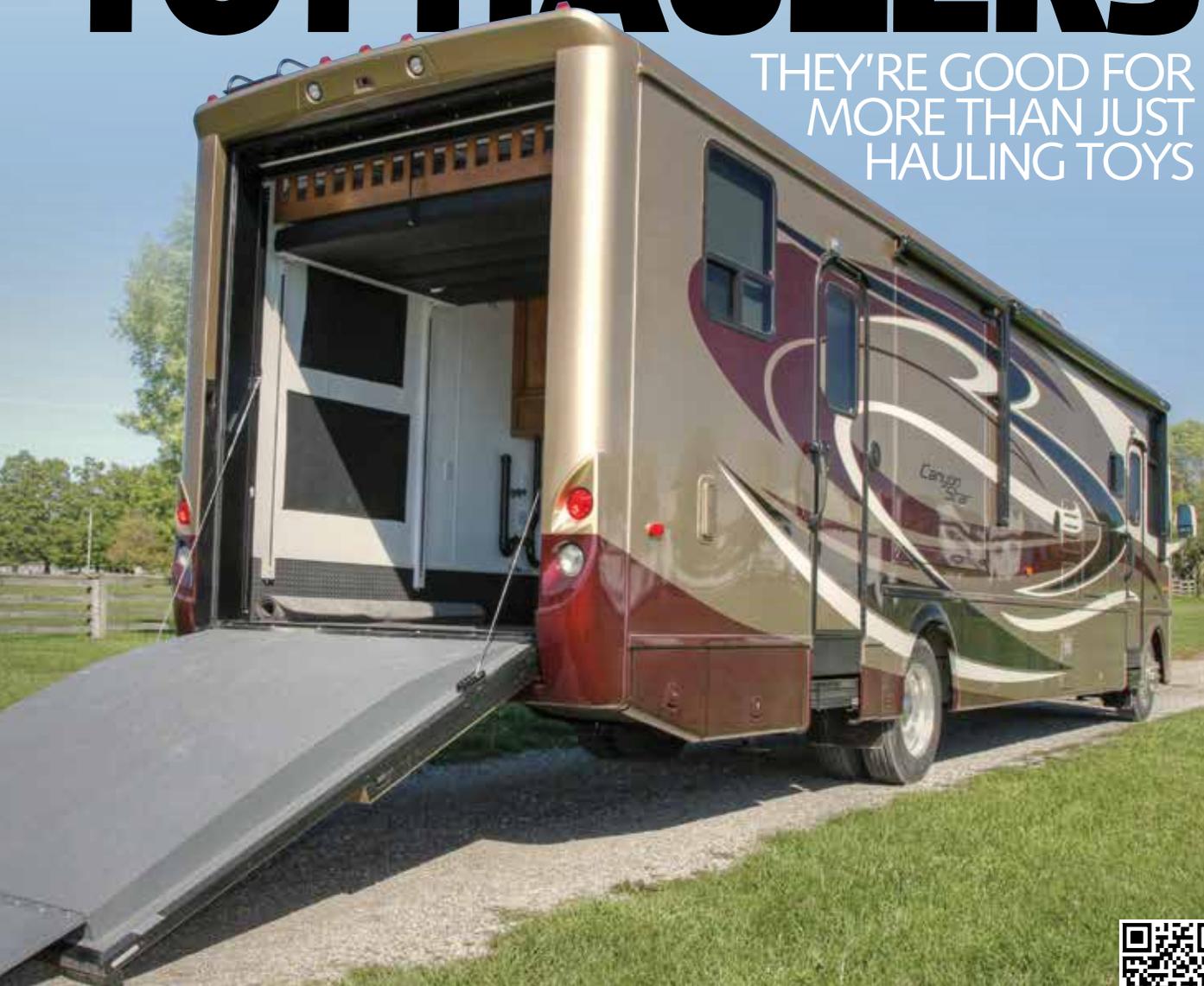


WILL IT BEAT
THE HONDA EU300iS?

**POWERHOUSE
3100Ri GENERATOR**

NEW! CLASS A TOY HAULERS

THEY'RE GOOD FOR
MORE THAN JUST
HAULING TOYS



FIELD TESTED

THE POWERHOUSE PH3100Ri

IS THIS THE NEW RED?

BY RON CHRISTIE
PHOTOGRAPHY: RV STAFF

WE'VE DEVELOPED A NICE LITTLE STANDARDIZED TEST FOR GENERATORS HERE AT RV MAGAZINE. EACH GENERATOR WE REVIEW GOES THROUGH AN UNINTERRUPTED 36-HOUR, FULLY LOADED TEST TO DETERMINE FUEL CONSUMPTION RATES, SOUND OUTPUT, AND THE ABILITY TO HANDLE AN AVERAGE LOAD (A/C UNIT ON HIGH, BATTERY CHARGER, AND A FEW LIGHTS) WITHOUT PROBLEMS. WE FEEL THESE FACTORS AND THE PRICE OF THE UNIT ARE THE MOST IMPORTANT THINGS TO CONSIDER WHEN PURCHASING A GENERATOR. THIS TIME WE'LL BE PUTTING THE PH3100Ri FROM POWERHOUSE PRODUCTS THROUGH THE WRINGER AND COMPARING IT TO THE BEST 3K WE'VE TESTED YET: THE HONDA EU3000iS.



▲ The control panel is nothing out of the norm—a few circuit breakers, switches, electrical plugs, etc. The wireless remote start was the feature we liked the most, partly because it was fun to play with. The ability to control it with a key fob like the one you use to unlock your car means no more getting out of the RV to start or shut off the generator whenever the need arises.



▲ It's important to note that no generator is shipped with oil in the engine's crank case. Many dealers will add the oil for you, but it's of utmost importance to make sure the engine has oil before starting it. We filled ours with 15W-45, as per the manufacturer's instructions.

MANUFACTURER SPECIFICATIONS

Powerhouse PH3100Ri

MAX LOAD: 3,100 watts
RATED LOAD: 3,000 watts
AC VOLTAGE: 120 volts
RATED CURRENT: 25 amps
MAX CURRENT: 25.8 amps
RATED DC OUTPUT: 12 volts, 8.3 amps
STARTING SYSTEM: Wireless remote, electric and recoil
FUEL CAPACITY: 4.4 gallons
DRY WEIGHT: 129 lbs
MSRP: \$1,299.95

Honda EU3000iS

MAX LOAD: 3,000 watts
RATED LOAD: 2,800 watts
AC VOLTAGE: 120 volts
RATED CURRENT: 23.3 amps
MAX CURRENT: 25 amps
RATED DC OUTPUT: 12 volts, 12 amps
STARTING SYSTEM: Electric, recoil
FUEL CAPACITY: 3.4 gallons
DRY WEIGHT: 134 lbs
MSRP: \$2,329.95

TESTING RESULTS

AMBIENT TEMPERATURE: 120 degrees Fahrenheit
LOAD: 13,500 BTU A/C unit, battery charger, and 50 watts of DC lighting

Powerhouse PH3100Ri

CONTINUOUS RUN TIME
ECONOMY MODE: 16.33 hours
LOADED: 8.30 hours
FUEL CONSUMPTION (GALLONS PER HOUR): ECONOMY MODE: .27 gph
LOADED: .53 gph
LOADED DECIBEL LEVEL: 77 dB

Honda EU3000iS

CONTINUOUS RUN TIME
ECONOMY MODE: 19.36 hours
LOADED: 7.5 hours
FUEL CONSUMPTION (GALLONS PER HOUR): ECONOMY MODE: .18 gph
LOADED: .45 gph
LOADED DECIBEL LEVEL: 77 dB

Tech & How-To

THE TEST

For this test, we were headed to the California desert, near the Ocotillo Wells State Vehicular Recreation Area. The weather during our day-and-a-half test was brutal. Temperatures averaged 120 degrees with little to no wind. Both generators did a fine job keeping the A/C running, the lights on, and the batteries charged, despite the heat. Sound output was the same or extremely close, and both units were very easy to use. While the Honda won on fuel consumption, the Powerhouse tied or was better in all other testing categories. Considering this and the huge price difference between the two units, the Powerhouse is definitely a worthy adversary to the reigning king. We've found our go-to generator, that's for sure. **RV**



▲ While the Honda has a wheel option, the Powerhouse comes from the factory with a nice set of locking urethane wheels. The wheels combed with the wheelie bar, made transporting this generator a walk in the park.



▲ Both generators had the same decibel level when loaded at 77 dB. Unloaded, the Powerhouse won, but only by two decibels: 62 versus 60 decibels. We're calling this one a tie.

WHEREVER ADVENTURE TAKES YOU.



POWERHOUSE IS THERE.

Whether it's a day at the dunes or a week on the beach, Powerhouse generators deliver performance you can depend on. Pure, clean inverter power that is safe for sensitive electronics, quiet enough to enjoy in camp and stingy with fuel. So next trip, take Powerhouse along, and add a little convenience to your adventure.

Powerhouse generators are available in seven models from 500 watts to 6500 watts.

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INVERTER GENERATORS