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## PlugOut v4 Models - 3kw and 5kw For Electrified Cars

Electrified cars [E-Cars - Hybrids, PHVs, BEVs] can now do TRIPLE duty... with the new PlugOut inverter: 1. As a car, 2. emergency generator [AC out], and 3. solar battery extender [DC out]. That's two new capabilities [AC and DC] from one product! **PlugOut Power** has re-opened from our ConVerdant Vehicles past to offer a whole new generation of PlugOut products and capabilities. With this new product version [v4], we add compatibility to potentially any E-Car, with AC and DC output. We hope you will like the change.

### **PlugOut Power's Solutions:** Off-Grid Power [NOT connected to the Utility Grid]

A PlugOut car is far more advanced and higher quality than any home generator. The common generator hassles of noise, exhaust, frequent refilling, lube-oil, repairs, and start-failures are gone. Take the Prius [and PlugOut] for example:

- With the car's start-stop technology; it only runs the engine [generator] when the battery gets too low and only until it is recharged, for a 50-100% fuel savings! A tank lasts 1-7 days.
- When the Prius engine runs, it's noise level is more like 50-55db [whisper], vs 60-75db [very loud] for generators. And the exhaust is much cleaner and less smelly vs a generator.
- The car is already maintained and operated frequently, and PlugOut needs no maintenance. So, the combo always starts, is super reliable, and needs no maintenance.. No oil changes, filter changes, engine checks or work.
- PlugOut's electronic Pure Sine Wave power [AC] means no harmful generator "groaning" during load changes. Plug-Out handles load changes instantly and cleanly.
- PlugOut also provides 24/48v DC power out to maintain charge on a solar battery. When the sun hasn't shined for a while, let the car keep your battery charged and working.

The PlugOut v4 series extends its capabilities beyond the Prius to many E-Cars! The interfaces need to be engineered and tested. See Supported Vehicles List. We are working to expand the list. Choose the PlugOut power rating to fit your vehicle and needs.

"PlugOut v4" is available in 3kw and 5kw models

- Supports 120/240v AC, and the 3kw for 24v DC and 5kw for 48v DC.
  - Current prices available on the website: [plugoutpower.com](http://plugoutpower.com)
  - Kits include inverter, transformer, input DC cables and AC cable [inverter to transformer]
  - Shipping and installation of car-side DC cable are extra.
- Options: custom DC extension cables, additional car cables.

Contact PlugOut Power for more information, or to place a reservation. Fall 2020 avail.

Discount for pre-stock reservations: 6% until stock received.

\* Products, features, discounts and prices subject to change at any time. Picture of demo system with backboard added.

e: [info@plugoutpower.com](mailto:info@plugoutpower.com)

t:

w: [plugoutpower.com](http://plugoutpower.com)

## PlugOut Models and Specifications

Model	POv4-3	POv4-5
Rated Power [W]	3200	5000
<b>Input</b>		
Voltage Range [DC]	125-450	125-450
Max Current [A]	80	80
<b>Inverter Output</b>		
Voltage [AC]	240/230 +- 5%	240/230 +- 5%
Frequency [Hz]	60/50	60/50
Surge Power [W]	4500	7500
Peak Efficiency	95%	95%
Waveform	Pure Sine	Pure sine
<b>Battery and Charger</b>		
Battery Voltage [V]	24	48
Max charge Current [A]	80	60
Protections	over voltage, over current	over voltage, over current
Dimensions [mm]	100x300x440	100x300x440
Weight [Kg]	11.5	12.1
<b>Transformer</b>		
Rated Power [kva/kw]	4/3	6/5
Input Voltage/Freq [V/Hz]	240/60, 230/50	240/60, 230/50
Output Voltage [V/V]	240/120 Split	240/120 split
Dimensions		
Weight [Kg]	17.5-21	21.5
Operating Temp [degF]	5-55	5-55
Storage Temp	-15-60	-15-60
Operating Humidity [relative]	5-95% non condensing	5-95% non condensing
Total Dimensions [mm]	220x300x500 --	220x300x500 --
Total Weight [kg]	29	33.5
Shipping Weight [kg]	33	38
# packages shipping	2-3	2-3

### Comments:

Some onsite assembly required. Also requires independent installation of car cable by certified hybrid mechanic  
 Includes DC cables from Car to Inverter. Shipping and cable installation are for extra charge  
 See Supported Vehicles List for suitability to any car and for car's max power output  
 PlugOut Power may change Prices, discounts, specifications, components, features at any time  
 Warranty: Full to 1st lite-load test, 1 year for Mfg's build-workmanship  
 Repair: quote upon request