



Expanding the “Plug-Out” Series ! HYBRID Cars as Emergency Power Generators Now with 5kva 240/120v Split Phase, and Prius Plug-in ready!!

Your Hybrid can do double duty! Hybrid cars are powerful DC generators of incredible quality. With the Plug-Out kit, your Hybrid can produce AC power for days on end, with minimum fuel use. Just run an extension cord from your car to the house, campsite, worksite, or tailgate party and enjoy the power.

The Plug-Out Prius combination work like a generator for any appliances: TVs, computers, lights, phone chargers, power tools, fridges, pumps, and more. But this generator can hardly be heard! Just choose the unit’s power rating to fit your needs.

The Prius is already far more advanced and higher quality than any home generator: Features:

Mobile emergency Power	Highly Efficient Operation
Quiet, Clean and Reliable	Affordable

The common generator hassles of noise, exhaust, refilling, lube-oil, repairs, and start-failures are gone. For efficiency, take the Prius’ 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.

Plug-Out Power Solutions: Off-Grid Power [not connected to the Utility Grid]

ConVerdant’s Plug-Out system combines the capabilities of the Prius with our power electronics to provide high quality pure sine wave AC power continuously, from the car!

No harmful generator “groaning”, Plug-Out handles load changes instantly and cleanly.

New 240v Plug-Out units [3+4kva] support higher power appliances like well pumps and central air handlers.

Plug-Out “Basic” Products:

1 KW Plug-Out Island – 120v, 60hz, MSW for any Hybrid

1 KW Plug-Out Island – 120v, 60hz, PSW for any Hybrid

Plug-Out “Island” Products:

2 KW Plug-Out Island – 120v, 60hz, PSW for Prius g2-3, Prius Plug-in, Lexus CT200H

3 Kva Plug-Out Island - 120v, 60hz, PSW for Prius g2-3, Prius Plug-in, Lexus CT200H

3kva Plug-Out Island – 240/120v, 60hz, PSW for Prius g2-3, Prius Plug-in, Lexus CT200H

5kva Plug-Out Island – 240/120v, 60hz, PSW for Prius g2-3, Prius Plug-in, Lexus CT200H

Includes input cables and power monitor[s], Shipping and Install are extra

Ask about Special Orders for other hybrid models

Options:

Power Monitor-Strip [120v, 15a max]
25ft input cable

Carry Strap
240v Transformer 2kw

Have Plug, Will Travel!

Contact ConVerdant Vehicles for more information.

e: sales@converdant.biz

t: 603-225-7422

w: www.converdant.biz

Plug-Out Basic/Island Series Specifications and Description

Specification: Off-Grid Use Only	1KW**	2KW*	3KVA*	5KVA*
Power Rating, continuous	1000w/9a	2000w/15a	2700w/23a	4kw/30a
Max Power, 20 sec	1500w	3000w	3600w	7.5kva
Output Waveform	MSW/PSW	PSW [Pure Sine Wave]		
Output Voltage	120vac	120vac	120, 240/120v	240/120vac
Output Frequency	60hz +/- 1%			
Number Phases	1	1	1,2	2
Efficiency Full Load	92%	90%	90%	90%
Standby power draw	5w	25w	25w	45w
Operating Temperature	-20 to 50deg Celsius			
Cooling	Ambient	Ambient	Ambient	
Safety, EMC	CE, EN60950-1			
Output Connections	2n	2n 3S	1U 3S, 2U 1N 4S	
	[n=Nema 120v, U= 120v Universal, N= NEMA L14-30R, S= Studs]			
Weight	15 lbs	15 lbs	60, 90 lbs	110lbs
Dimensions	3x6x12	4x9x15	9x13x15	11.5x13x21

Other Features [Protections] Over/under voltage, overload, over temperature, AC short circuit, input reverse polarity

Fuel Use Estimates:	Eng Duty Cycle	Fuel Use	TankTime [=9.9gal]
Load= 400w	15%	<1gal/hr	100+hrs
1kw	18%	.122gal/hr	81hrs
2kw	35%	.245gal/hr	40hrs
3kw	48%	.4gal/hr	25hrs

** 1KW kit will work on any Synergy-based hybrid, user installed.

* 2-3-5 KVA kits for gen2-3Prius, Prius Plug-in, or Lexus CT200H and requires an experienced hybrid mechanic for the initial cable installation, estimate 1 hr.

Prices are on the website. Prices, descriptions and capabilities may change at any time.

Plug-Out System Benefits: with hybrid car

Quieter – noise <45db, can barely hear it, engine frequently off

Reliable – car already used every day and maintained

Fuel Efficient – Start-Stop mode insured optimal fuel use at any power level

Low Hassle – Setup in minutes, Fuel lasts for days, no oil worries

Clean Power – Battery buffered, pure sine wave output does not damage appliances

Low Cost – Hybrid car already owned, you buy only the output electronics [Plug-Out]

Just think, your Prius gains a whole new capability, with a minimum of new investment.
And you become the life of the [black-out] party!

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