

UPS/Generator Sizing Guide and other Info Presented by E C Power Systems

Even though your sensitive equipment is backed up by a generator, **your equipment and your bottom line are still at risk without an On-line UPS in the middle.**

Characteristics of typical "home" generators:

- Wide Voltage Changes
- Poor Waveform (high harmonic distortion)
- Frequency Changes (5-7%)
- Brush Induced Noise

These characteristics can bring down your sensitive equipment and bring your business to a standstill. *An On-line True Regenerative, Double Conversion UPS is the ONLY power protection that can filter out all of these power disturbances.*

Gillette Generators, available from EC Power Systems, provide clean power output with very little voltage and frequency fluctuation. However, you will still need a Falcon On-line UPS to complete your standby power system and keep critical loads operating.

When ordering a generator, don't forget your UPS! The chart below is a sizing guide that matches up Falcon Electric's On-line UPSs with Gillette Generators, both of which are available from E C Power Systems:

Falcon UPS/Gillette Generator Application Guide

Falcon Electric UPS model # (Generator Compatible)	Max input watts	Recommended Gillette generator model	Alternate Gillette generator model*
SG-600VA On-line UPS	540	GPN-30H	GPN-50H
SG-800VA On-line UPS	720	GPN-30H	GPN-50H
SG-1kVA On-line UPS	876	GPN-30H	GPN-50H
SG-2kVA On-line UPS	1680	GPN-30H	GPN-50H
SG-3kVA On-line UPS	2520	GPN-30H	GPN-50H
SG-5kVA On-line UPS	4800	GPN-65H	GPN-75EH
SG-6kVA On-line UPS	5760	GPN-75H	GPN-75EH

*Alternate models have additional features and power output. 'E' indicates electric start.

	SINGLE PHASE, 120/240 VOLTS, 60 HERTZ WITH ALL HONDA ENGINES								
Generator Models	GPN-30H	GPN-40H	GPN-50H	GPN-50EH	GPN-65H	GPN-65EH	GPN-75H	GPN-75EH	GPN-125EH
Maximum KW	3.0	4.0	5.0	5.0	6.5	6.5	7.5	7.5	12.5
Rated KW	2.8	3.0	4.5	4.5	6.0	6.0	6.5	6.5	11.0
Rated Amps @ 120V.	23	26	38	38	50	50	54	54	92
Rated Amps @ 240V.	N/A	13	19	19	25	25	27	27	46
LIST PRICE**	\$ 1513	\$ 1731	\$ 2217	\$2416	\$2814	\$ 3085	\$ 2977	\$ 3250	\$ 5853

** List price for reference only. Please call for net pricing!

	<p>EC Power Systems 1805 NW 21st Ave., Portland, OR 97210 (503)224-3623 or (800)452-1511, Fax-(503)224-3907 www.ecpower.com</p>
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