

Spec comparison of 750kVA UPSs

	TOSHIBA G9000	Liebert NXL	MGE 8000	Powerware 9395	GE SG Series
WxDxH	90.6"x33"x78.7"	140.5"x39.4"x76.8"	122.05"x39.02"x82.01"	140.9"x32.7"x73.7"	147"x35"77"
Weight	4,850 lbs	13,200 lbs	14,014 lbs	5,065 lbs	9,557 lbs
BTUs / Hr	76,773	164,000	173,000	162,000	146,000
Input THD	< 3%	<10 % (<5% with passive filter)	<7% (full load)	<3.5%	<5%
Input Frequency Range	+/- 10%	+/- 5%	?	+/- 10%	+/- 10%
Input Power Factor	>.99	up to .92 lagging	?	>.99	0.93
Input Voltage Window (w/o batts)	+15% to -20%	+10% to -15%	+15% to -15% (online)	+10% to -15%	+10% to -15%
Efficiency at full load (AC/DC/AC)	97%	92%	94%	94.5%	93.50%
Efficiency at 75% load	96.50%	?	?	94.5%	94.20%
Efficiency at 50% load	96%	?	?	93%	94.20%
Efficiency at 25% load	95.8%	?	?	90%	93%
Output Power Factor	Unity	0.9	0.9	0.9	0.9
Output Voltage Regulation	<1% (.5% balanced loads)	< 1% (balanced load)	<2%	<1%	<3% (<1% balanced)
Output Frequency Regulation	+/- 0.01%	+/- 0.1%	?	+/- 0.1%	?
Output THD (linear; non-linear)	<2%; <5%	<2%; <5%	<2%; <5%	<2%; <5%	<2%; <3%
Operating Elevation	7,380 feet	4,920 feet	3,333 feet	6,000 feet	?
Requires Central Static Switch	No	No	Yes	Yes	No
Requires System Control Cabinet	No	No	No	No	No
Warranty UPS	3 Yrs. On-site, Inc. Batteries	1 Year	1 Year	1 Year	1 Year