

ISI

MANUFACTURERS COMPARISON

All figures here were verified either online at competitors' website or through competitors' brochures or catalogs. This is not a guarantee that these figures are up to date. Please verify and perform your own due diligence.

	ISI 3UFT (Myers family)	Duallite Trident	Controlled Power eLITE	Crucial Power Wave Rider 3	Chloride CEPEM	DSPM Eternalite	MGE Galaxy 3000
Efficiency	98%	92%	90%	90%	87%	93%	80%
American Made	YES	No	YES	YES	No	YES	YES
Standby Status	Only runs in emergency	Runs 24/7	Runs 24/7	Runs 24/7	Runs 24/7	Runs 24/7	Runs 24/7
db Noise	45 db	65 db	50 db	57db	N/A	62 db	67 db
Self-Testing	YES	NO	YES	NO	YES	NO	YES
Output Power Rating	100%	95%	100%	80%	90%	80%	80%

Efficiency This is the biggest factor in determining your after purchase costs. A lower efficiency will cost the end user more in electric. For example: A 50kVA ISI inverter compared with a 90% efficient inverter of the same size will cost the customer \$4784.00 extra in electric (12¢/kilowatt) per year! Not only is that huge dollars, but a huge burden on our environment. That is why ISI has the "greenest" inverter on the market!

American Made The benefits of buying American are obvious. Furthermore, with the falling dollar, American made items will be less expensive in the future while imports continue to rise in cost.

Standby Status This is a HUGE benefit of ISI inverters. Our inverters are offline, meaning they start-up only in emergency mode, using the best technology to do so. Our competitors are constantly running. This has two important implications. #1 - Units that constantly run have much less of a life expectancy on their inner parts. ISI inverters are in standby, waiting to be utilized... increasing the life of the entire inverter. #2 - Our competitors inverters run all the time, always creating heat. It takes more energy in air conditioning to balance out the heat BTU's created. ISI inverters only run in emergency.

db Noise One of the major benefits of inverters compared to generators is the lack of noise generation. That said, ISI has the quietest inverter on the market. Again... our inverter only makes noise when it's running. Our competitors units are always running. Essentially, an ISI inverter could be put in a closet and you wouldn't know it was there.

Self-Testing This is a wonderful feature in which the inverter will test itself at intervals programmed by the end user.

Power Rating This is also referred to as power factor. ISI inverters are unity rated. If you specify a 10kVA system, it will run 10,000 watts. The same 10kVA inverter with an 80% rating, (.8 power factor) will only run 8000 watts. This is imperative to understand when quoting... making sure units are equal, despite their kVA rating.