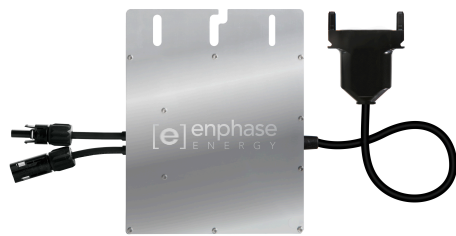


Know the Difference

Microinverters vs String Inverters with DC Optimizers

There are microinverter systems and string inverter systems. DC optimizers are a more complicated string inverter system. A system is only as reliable as its weakest link, and the string inverter is the weakest link in any DC optimizer system. Microinverters reduce system complexity and are easier to design and install.



Flexible design	<input checked="" type="checkbox"/> <ul style="list-style-type: none"> • No string sizing • Multiple configurations • All-AC design 	<input type="checkbox"/> <ul style="list-style-type: none"> • String sizing • Minimum system size is 8 panels • DC and AC design required
Easier installation	<input checked="" type="checkbox"/> <ul style="list-style-type: none"> • Simple all-AC installation • No DC electrical work • No mounting a string inverter 	<input type="checkbox"/> <ul style="list-style-type: none"> • Added complexity with DC and AC electrical work • Design changes in field are difficult
Greater productivity	<input checked="" type="checkbox"/> <ul style="list-style-type: none"> • No single point of failure 	<input type="checkbox"/> <ul style="list-style-type: none"> • Inverter is a single point of system failure
Higher reliability	<input checked="" type="checkbox"/> <ul style="list-style-type: none"> • NEMA 6 enclosure and ultra-reliable components 	<input type="checkbox"/> <ul style="list-style-type: none"> • Inverter has NEMA 3R enclosure • Avoid installation in direct sunlight
Longer warranty	<input checked="" type="checkbox"/> <ul style="list-style-type: none"> • 25 years 	<input type="checkbox"/> <ul style="list-style-type: none"> • Inverter is covered for 10-12 years
Increased safety	<input checked="" type="checkbox"/> <ul style="list-style-type: none"> • Low voltage DC never exceeds 60 volts 	<input type="checkbox"/> <ul style="list-style-type: none"> • Up to 600-1,000 volts DC on roof

Visit enphase.com/microinverters to learn more.