





REASONS WE RECOMMEND DC MAXIMIZERS

Harvest more energy. Maximize your income

			 
	Micro-Inverters	String Inverters	Optimizers
Performance with regards to module mismatch caused by soiling, shading, and/or snow cover	Efficiency of system is not affected as a whole, only at panel level	Efficiency of system can be affected by module mismatch and heavy shading	Efficiency of system is not affected as a whole, only at panel level. Optimizers also have a higher shading tolerance.
CEC Efficiencies	93-96% Energy production is capped to 100% of its rated capacity; therefore any extra energy generated by the panel is lost	95-97%	99.5% Production is NOT capped and can produce energy at 120% of its rated capacity. Takes maximum advantage of energy generated by panel
Real-time Monitoring	Yes	No	Yes
Maximum Power Point Tracking (MPPT)	Yes	No	Yes
Reliability	Micro-inverters have a higher part-count than optimizers, which increases failure rate and reduces lifespan. Furthermore, micro-inverters have higher heat dissipation, causing module degradation and lower reliability	Current technology counts with dual or triple MPPT inputs, which increases reliability and energy generation	Optimizers have approximately 1/10 th the part-count of micro-inverters. This means lower failure rate and increased lifespan. Optimizers also operate at lower temperatures, resulting in lower degradation and higher reliability

VIDEO - OPTIMIZERS VS. MICRO-INVERTERS

Check out this video showing you the advantages of solar optimizers over micro-inverters. Click the image to see the video!

