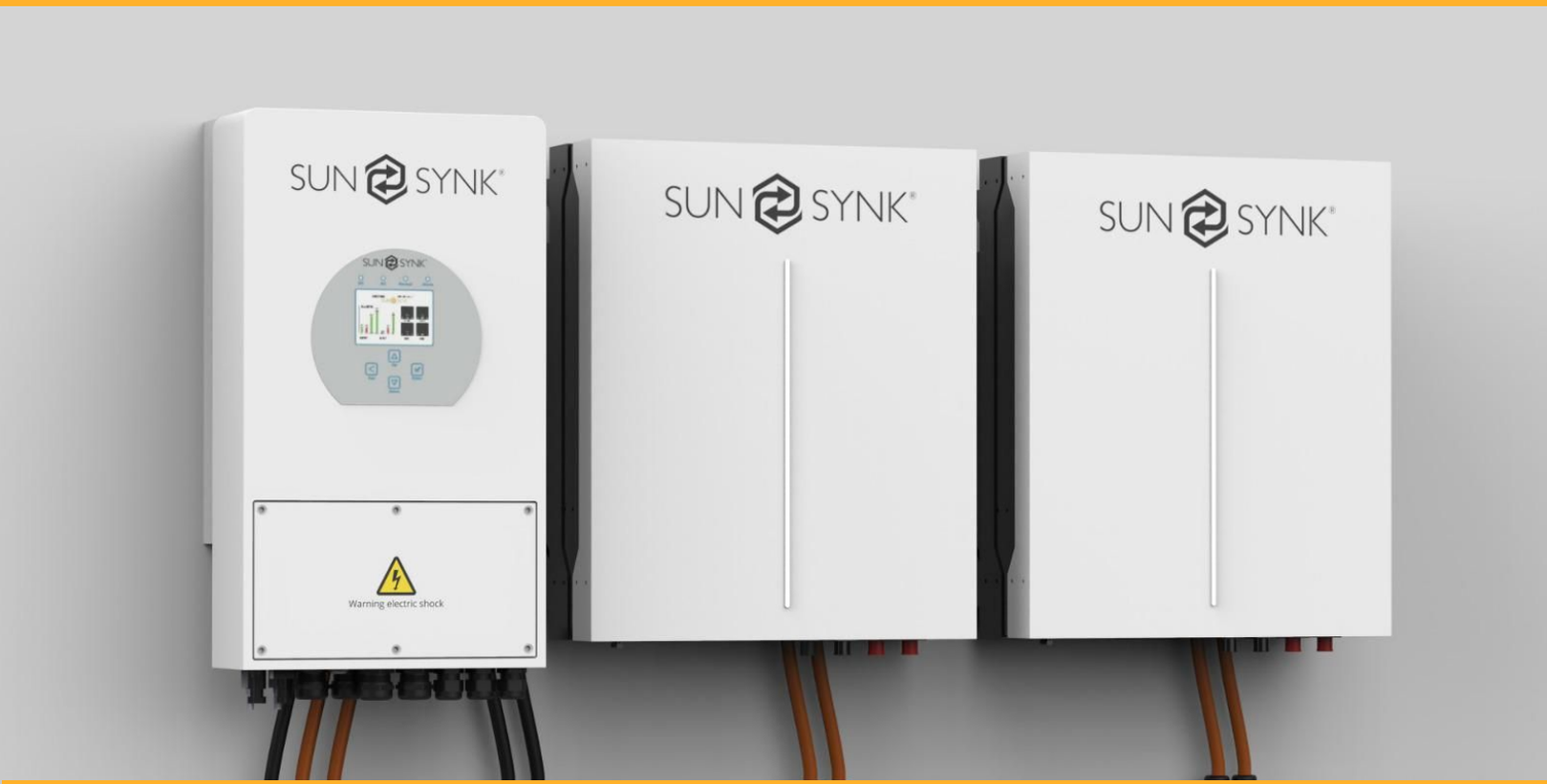
No Power
No Problem

SUN SYNK®

3 Competitors

REVOLUTIONISING THE WAY WE USE, STORE, GENERATE & CONTROL ENERGY



www.sunsynk.com

Competitors

Comparison

There are a number of inverter products on the market and it can be hard to see where the differences lie. Below we have compiled a comparison with some of the major hybrid inverter brands out there so you can better understand the strengths and weaknesses of the major inverter brands.

	SUNSYNK	SOLAR EDGE	TESLA	ENPHASE	SMA
Easy to Install	✓	✓	✗	✓	✓
Amazing Customer Support	✓	✗	✗	✓	✓
Great Value	✓	✗	✗	✗	✗
Proprietary Technology	✓	✓	✓	✓	✓
Versatile System	✓	✗	✗	✗	✗
Generator Charging	✓	✗	✗	✗	✓
Colour Touch screen UI	✓	✗	✗	✗	✗

Comparison - Entry-Level

	SUNSYNK 3.6 / 7.1 KW	GIVENERGY 3.6KW	SOLAX X1-HYBRID-3.7T	SOLIS RHI-3.6K-48ES-5G
AC Output Power	3.6kW	3.68kW	3.68kW	3.68kW
Parallel	✓	✗	✓	✗
Bi-directional	✓	✓	✓	✓
Colour LCD	✓	✗	✗	✓
Touch Screen	✓	✗	✗	✗
Power Export Control	✓	✗	✓	✓
Battery Max. Charg. Current	90A	50A	20A	62.5A
LV System	✓	✓	✗	✓

Comparison - Mid-Range

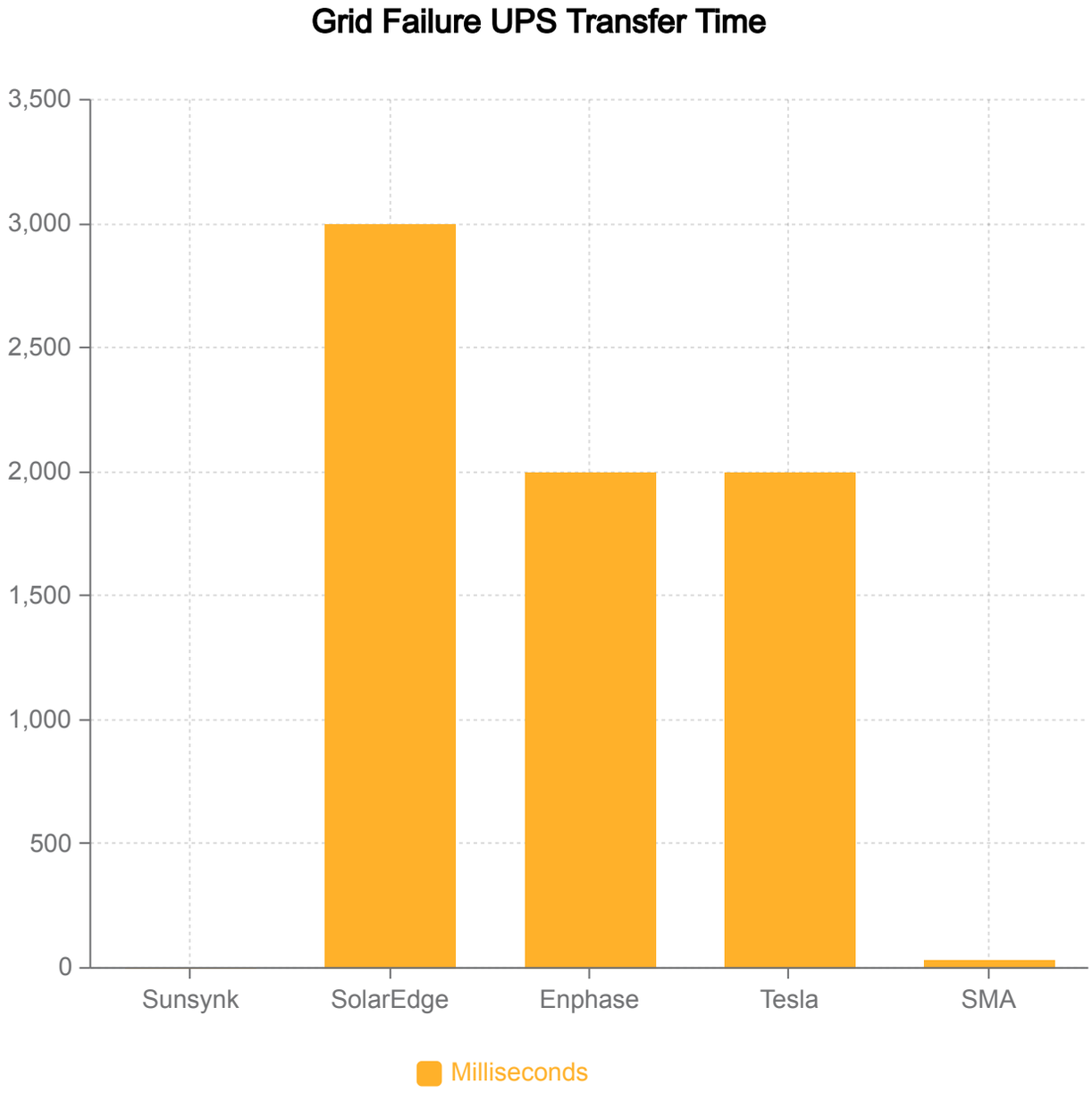
	SUNSYNK 5.5 KW	GIVENERGY 5KW	SOLAX X1-HYBRID-5.0T	SOLIS RHI-5K-48ES-5G
AC Output Power	5kW	5kW	4.99kW	5kW
Parallel	✓	✗	✓	✗
Bi-directional	✓	✓	✓	✓
Colour LCD	✓	✗	✗	✓
Touch Screen	✓	✗	✗	✗
Power Export Control	✓	✗	✓	✓
Battery Max. Charg. Current	120A	50A	20A	100A
LV System	✓	✓	✗	✓

Comparison - High-Level

	SUNSYNK 8.8 KW SINGLE PHASE	SOLAX X3-HYBRID-8.0T THREE-PHASE	SUNSYNK 12 KW THREE-PHASE	SOLAREDGE THREE-PHASE SE10K-RWS
AC Output Power	8kW	8kW	12kW	10kW
Parallel	✓	✗	✓	✗
Bi-directional	✓	✓	✓	✓
Colour LCD	✓	✗	✓	✗
Touch Screen	✓	✗	✓	✗
Power Export Control	✓	✓	✓	✗
Battery Max. Charg. Current	190A	25A	240A	130A
LV System	✓	✗	✓	✓

Comparison

When using inverter and energy storage products for uninterrupted power supply (UPS) systems, the highest priority is that when the power cuts, the transfer to stored power is not even noticeable. For some areas where UPS is required, a millisecond without power can be significant. The figure below shows how Sunsynk dramatically outperforms the other top brands.



Sunsynk has an incredible 4ms transfer time between grid power and stored power. This can be the difference between life and death.

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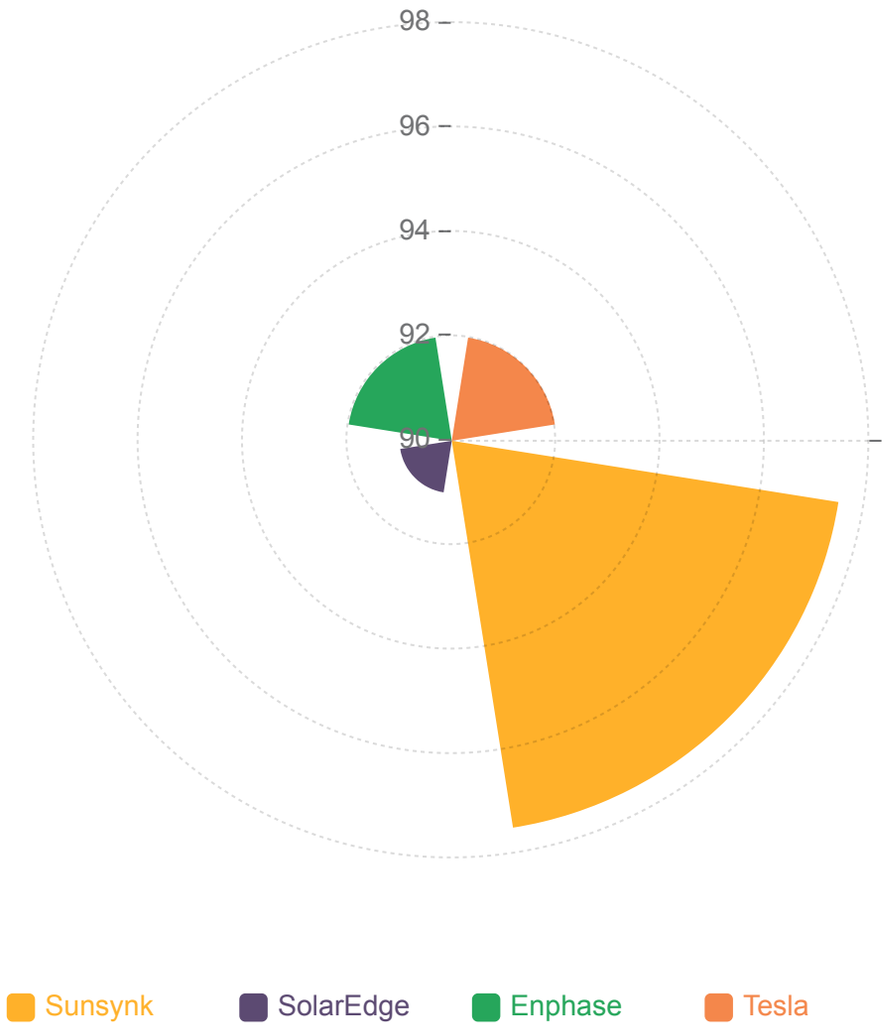
Comparison

When using inverter and storage products as part of a system solar panels system, one core priority is that the transfer of energy is as efficient as possible. Even a slight percentual difference can make a huge difference in generation capacity when looked at over the entire lifetime of the system. We believe Sunsynk's superior technology where it counts really sets our products apart.

Solar panel to battery energy transfer efficiency at 65%



Sunsynk has an incredible 97.5% transfer efficiency between PV and the battery.

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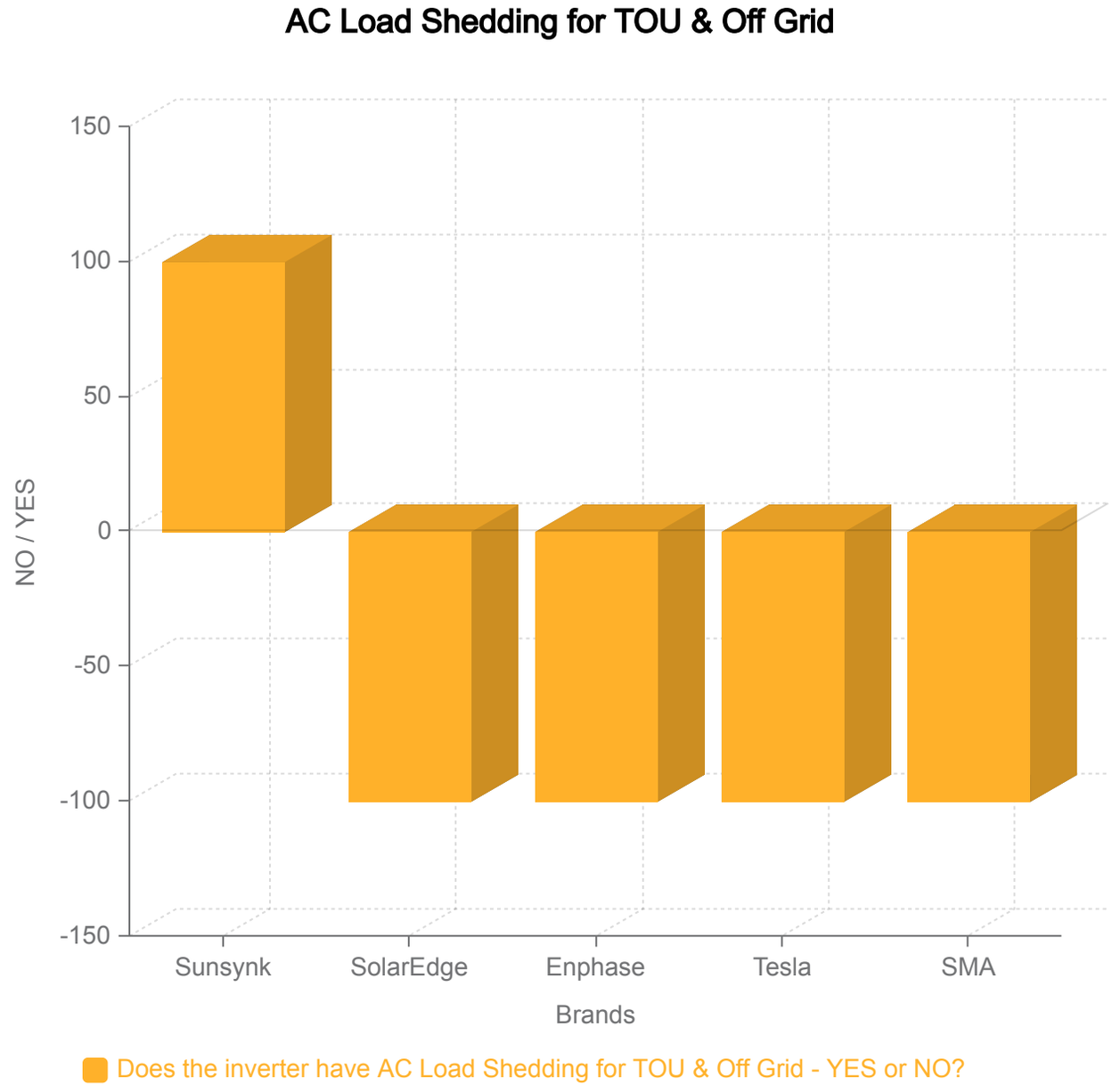
“ Sunsynk is a welcomed and necessary Hybrid Inverter brand that is needed in South Africa. High quality and intelligent characteristics enable the consumer to have an Inverter ready for future changes in energy management without needing to replace hardware. Well engineered and backed by professionals. “

Comparison

Choosing inverter and energy storage products is not just about storing the energy but also managing that energy. AC Load shedding technology means that the power is better managed and channelled more efficiently to the areas that really require it. This is another technology innovation from Sunsynk that clearly sets our product out from the other market leaders.



Sunsynk's superior R&D team has enabled our inverters to perform in ways our competitors cant.

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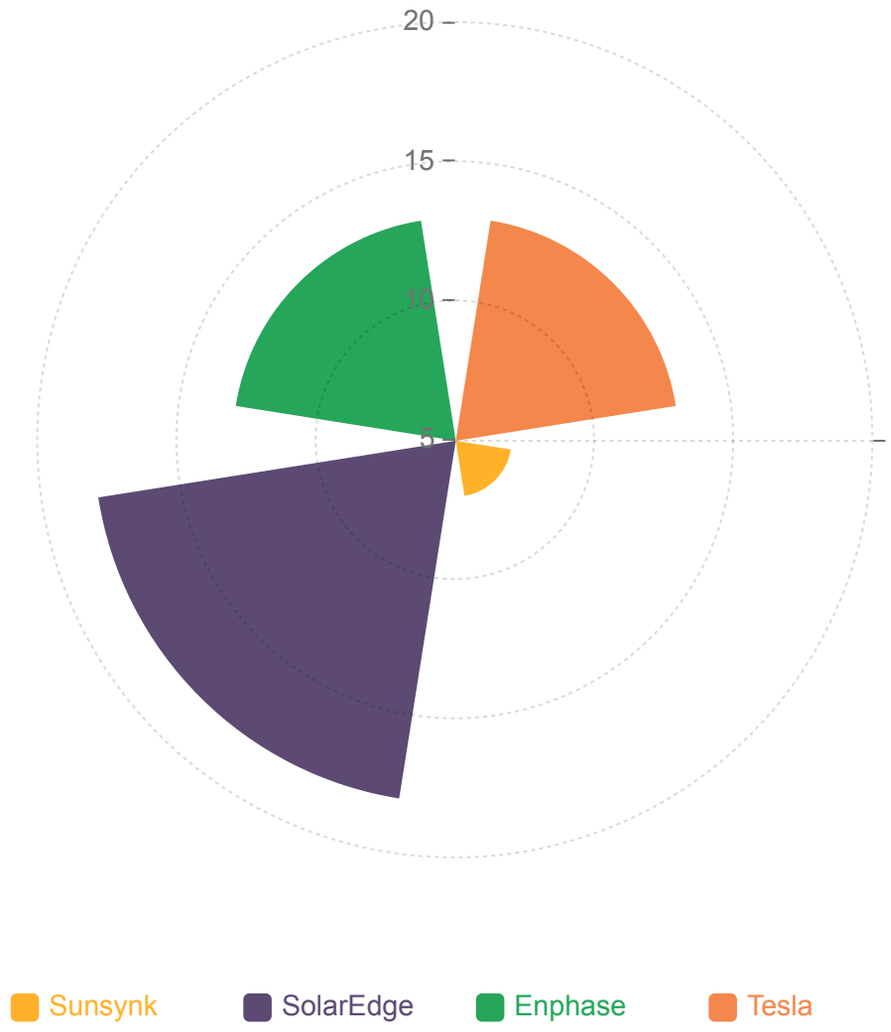
"It is by far the best Invertor we have used in the last two years. Just no problems and it gives you the leading edge over the rest."

Competitors

Comparison

When using inverter and storage products as part of a system solar panels system, one core priority is that the transfer of energy is as efficient as possible. Even a slight percentual difference can make a huge difference in generation capacity when looked at over the entire lifetime of the system. We believe Sunsynk's superior technology where it counts really sets our products apart.

Solar panel to battery to AC percentage losses at 65%



Sunsynk has an incredible 7% loss between PV to the battery and to AC.

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