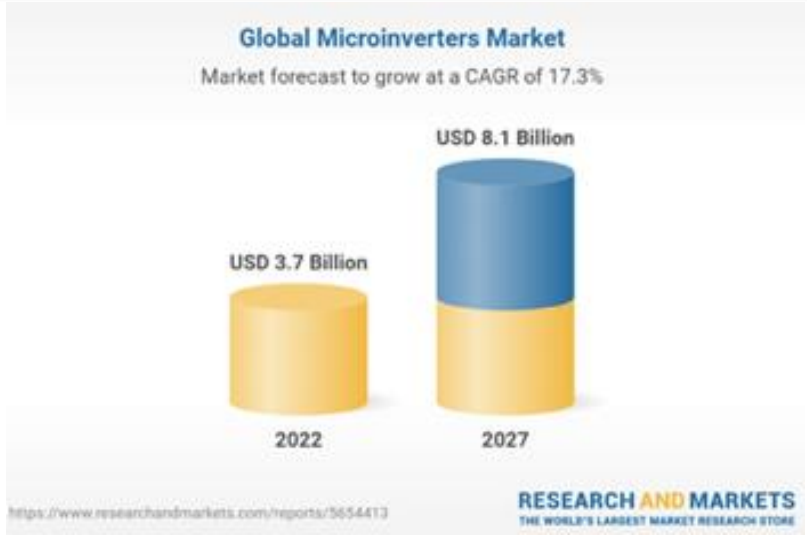
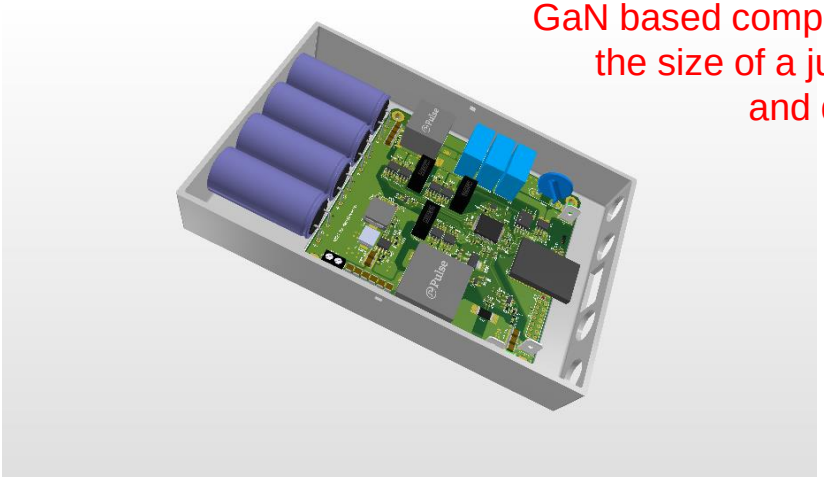
NanoInverter (NI): Disrupting residential and commercial solar market



What is a NanoInverter

A 99% efficient, 50% cost reduced, GaN based compact inverter, the size of a junction box, and does MPPT



Key Personnel/Organizations

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Key Milestones & Deliverables

READY!	Product roadmap, cost benefit analysis vs. SolarEdge and Enphase system. Roadmap to achieve $0.1/W hardware cost
Set!	GaN nanoinverter achieving >99% efficiency target and meet <12cm*12cm size target
Go!	Plug-and-play 240V 8-panel Nanoinverter based soalr energy system demonstration. Achieve TRL 7

Societal Impact

- Enable residential PV inverter to reach a cost target of $0.1/Watt and an installed cost of <$1/Wdc in 2024 , ahead of the SETO 2030 schedule.
- Enable US solar energy leadership by quickly commercializing disruptive ideas with cost and market constraints
- Create jobs in America
- Making solar energy affordable and accessible to under served communities