

SILICON CARBIDE TANDEM SOLAR CELL

PROBLEM –

- Current Solar Cell Efficiency Limits
- PV Energy Demand (1600 GW by 2050)
- Supply Chain Reliance on Foreign Countries
- Access to Affordable, Clean Energy

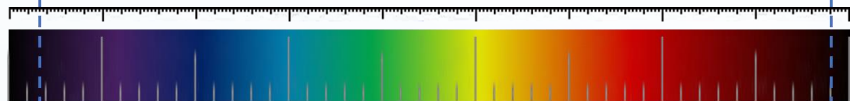
If the US is going to meet its clean energy goals, a 'novel technology change' is needed

SOLUTION – IntriSiC Cell™

USPTO # 9,741,882

Perceived Sunlight Spectrum: Nano Meters

325 nm 400 nm 450 nm 500 nm 600 nm 700 nm 750 nm 800 nm 900 nm 1100 nm



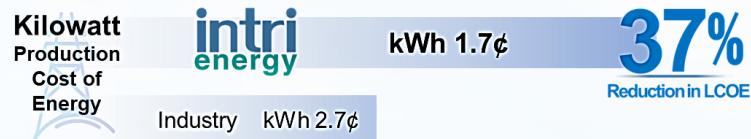
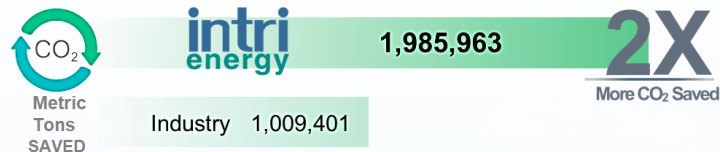
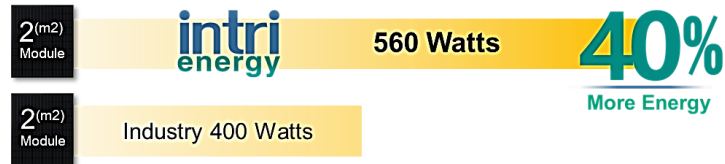
intri energy
Silicon+Carbon Advantage

Adding Silicon + Carbon captures a 40%+ wider photon bandgap in the electron excitation range.

Current PV Silicon Only

Limited photon capture: 1100nm to about 600nm

BENEFITS – Performance Advantages



EXPERIENCED LEADERSHIP TEAM



Jackie Coffey
CEO



Dr. Franco Gaspari
CTO, Inventor



Jeff Whitney
EVP, Corp. Dev.



Jan Vandesande
COO, EVP Eng.



Dan Pomerleau
CFO



Pere Alcazar
VP Prod.Dev.