



The Sun Simba™ CPV system

The next generation in solar energy technology.

With the low cost, injection-moulded Light-guide Solar Optic (LSO) as its building block, we've developed a lightweight, low cost solar module that achieves over 29% active-area efficiency.

Highest energy yield.

The Sun Simba $^{\text{\tiny M}}$ delivers the highest kWh/ kW installed in moderate to high DNI environments – due to its high efficiencies, sun-tracking and better performance in high heat.

Lowest cost of electricity generation.

Engineered for high performance, and unprecedented low costs across its entire lifecycle – from manufacturing, shipping, installation, to O&M Sun Simba $^{\text{\tiny TM}}$ projects will compete favourably with other solar energy technologies, and conventional generation sources, on LCOE, kWh per kW installed, kWh per acre or any other performance metric; the Sun Simba $^{\text{\tiny TM}}$ delivers higher performance at lower costs.

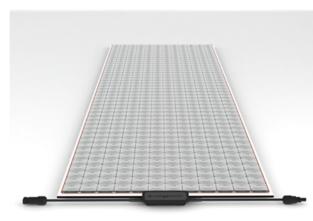
Competitive cost per Watt.

Sun Simba™ modules are built with commodity materials, and at approximately the same thickness as a silicon PV module – less materials per Watt peak. They do not require breathing systems, and utilize an integrated heat dissipation method, simple manufacturing methods and high packing density for transportation. resulting in a high-efficiency module with low upfront cost to silicon PV.

Advnced optical system.

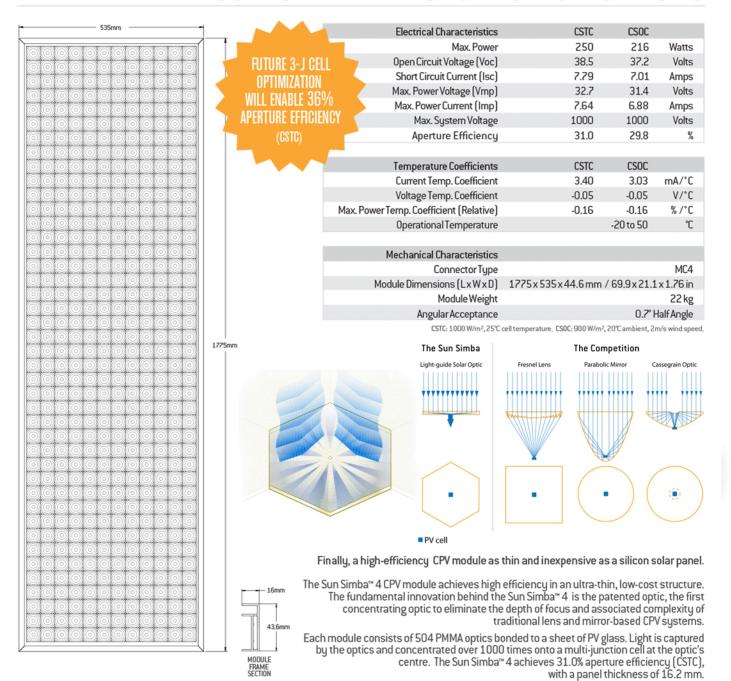
The Sun Simba™ accepts the direct-beam portion of incident sunlight (Direct Normal Irradiance, or DNI) – of which higher proportions are typically found in hot, dry climates. The Sun Simba™ will offer a lower Levelized Cost of Electricity (LCOE) than any other PV technology in environments with DNI levels over 5.5 kWh/ square metre/ day.







SUN SIMBA MODULE SPECIFICATIONS



CPV tracker, for a turnkey system that is rapidly deployed and modular to fit any project shape and size, anywhere from 10 kilowatts to multi-megawatts.

The Sun Simba™ 4 is deployed on Morgan Solar's foundationless, human-scale Savanna™

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44.6mm