

MEDIA ALERT
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Traceable to NREL Standards: SunCore's PV Cell Design at 22% Efficiency

Receives Certification from Newport Corporation Laboratory

Third-party validates the harvest of greater spectral bandwidth resulting in higher charge output.

Irvine, California, April 2012 – Newport Corporation (NASDAQ: NEWP) has independently certified SunCore's Photovoltaic (PV) cell as demonstrating 21.6% (+/- .5% accuracy) efficiency traceable to U.S. Department of Energy's National Renewable Energy Laboratory (NREL) standards. SunCore's PV cell design combined with proprietary circuitry technology amplifies even the lowest amount of available light exposure to convert into the highest level of charge output and keep a mobile device off the power grid indefinitely.

SunCore produces light-powered charging systems that adapt to portable consumer applications, oftentimes with size restrictions. From Smartphones to automobiles, systems replenish a device's on-board battery by converting available light into electricity, faster than traditional solar-based systems.

The company's PV cell design is distinctly different compared to typical solar cells by drawing power from a broader range of light sources. The proprietary technology increases spectral sensitivity to capture more energy by reaching beyond the visible light spectrum, (approx. 400 Ultraviolet to 700 Infrared nanometers), deep into the non-visible spectral bandwidth at 300 Ultraviolet to 1200 Infrared nanometers than conventional cells can. The increased harvest of light energy in the Infrared portion of the spectrum is particularly important for electricity conversion efficiency in low-light situations, such as indoors or even under early morning overcast skies.

"This recent certification validates SunCore's continual PV cell advancement as efficient collectors of light energy so that we can offer our customers' the highest charge output performance available for their consumer product applications," said, Steve Brimmer, Chief Executive Officer, SunCore Corporation.



Newport Corporation's branded Technology and Applications Center Photovoltaic (TAC-PV) Lab is ISO/IEC 17025 accredited by the American Association for Laboratory Accreditation (A2LA) with National Renewable Energy Laboratory (NREL) accreditation certificate #2236.01 ISO Tracking #: 1631. To learn more about measurement results and standard conditions, please go to [SunCore's PV cell Certification #0516](#).

About SunCore Corporation (www.SunCoreSolar.com)

SunCore is a privately held company that produces light-powered charging systems to offset the power needs associated with today's battery-draining applications and device features and functions for original equipment manufacturers (OEMs), operators (service providers) and distributors. SunCore developed proprietary PV cell and microcontroller-based circuitry technology to convert light energy into electricity more efficiently at increased speed resulting in the highest charge output to replenish on-board battery power for a variety of consumer-oriented mobile products. The company's technology is scalable for hand-held electronics to automotive, wherever size and mobility are critical. SunCore believes the clean energy of light is the intelligent, ecological answer to powering today's increasingly mobile lifestyle into the future. SunCore is headquartered in the Spectrum Technology Zone, Irvine, California.

About Newport Corporation

Newport is a leading global supplier of advanced-technology products and systems to customers in the scientific research, aerospace and defense/security, microelectronics, life and health sciences and precision industrial manufacturing markets. Newport's innovative solutions leverage its expertise in photonics technologies, including lasers, photonics instrumentation, sub-micron positioning systems, vibration isolation, optical components and subsystems, precision automation and three-dimensional non-contact measurement equipment, to enhance the capabilities and productivity of its customers' manufacturing, engineering and research applications. Newport is part of the Standard & Poor's SmallCap 600 Index and the Russell 2000 Index.

About NREL

NREL is the Department of Energy's primary national laboratory for renewable energy and energy efficiency research and development. NREL is operated for DOE by the Alliance for Sustainable Energy, LLC.

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