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EnerPlex's World's Lightest Consumer Solar Charger Wins Multiple "Best of Show" Awards at the 2016 Outdoor Retailer Show

THORNTON, CO -- (Marketwired) -- 08/18/16 -- Ascent Solar Technologies, Inc. (OTCQB: ASTI), a developer and manufacturer of state-of-the-art, flexible thin-film photovoltaic modules integrated into the Company's EnerPlex™ series of consumer products, announced today that the Company's newest debuted product, the Kickr 7 FL (Feather-light), has received numerous "Best of Show" awards from the following media publications at the 2016 Outdoor Retailer Show in Salt Lake City, UT from August 3rd - 6th, 2016.

GearJunkie -- Best In Show 2016:

<https://gearjunkie.com/roundup/outdoor-retailer-best-in-show-2016-summer#EnerPlexKickrFLSolarPanel>

The Manual -- Best of Outdoor Retailer 2016:

<http://www.themanual.com/living/the-best-of-outdoor-retailer-summer-2016/>

New Atlas -- Innovative Gear and Gadgets from OR 2016:

<http://newatlas.com/outdoor-retailer-2016-roundup/44657/>

Engineered with Ascent's revolutionary CIGS Solar-on-Plastic technology and a completely redesigned encapsulation process that leverages upon the Company's aerospace and drone product development, the Kickr 7 FL debuted at the 2016 Outdoor Retailer Tradeshow as the world's lightest consumer solar charger. The Kickr 7 FL provides approximately 6.5 watts of regulated power while weighing only 5 ounces, and is 50% lighter than the previous equivalent Kickr series of solar chargers.

In addition, while awaiting for official confirmation, the Kickr 7 FL has also been voted the "best-of-the-best" in "*GearJunkie's Outdoor Retailer Readers Choice Award*" contest. Matched up against 15 of GearJunkie's favorite products from the 2016 Outdoor Retailer Show, EnerPlex garnered the most votes from GearJunkie's readers and subscribers over a one week contest. You can see the final voter count at <https://gearjunkie.com/outdoor-retailer-readers-choice>

About Ascent Solar Technologies:

Ascent Solar Technologies, Inc. is a developer of thin-film photovoltaic modules using flexible plastic substrate materials that are more versatile and rugged than traditional solar panels. Ascent Solar modules, which were named one of TIME Magazine's 50 best inventions for 2011, can be directly integrated into consumer products and off-grid applications, commercial transportation, automotive solutions, space applications, consumer electronics for portable power and durable off-grid solutions. Ascent Solar is headquartered in Thornton, Colorado. For more information, go to www.goenerplex.com and www.ascentsolar.com.

Forward-Looking Statements:

Statements in this press release that are not statements of historical or current fact constitute "forward-looking statements." Such forward-looking statements involve known and unknown risks, uncertainties and other unknown factors that could cause the Company's actual operating results to be materially different from any historical results or from any future results expressed or implied by such forward-looking statements. In addition to statements that explicitly describe these risks and uncertainties, readers are urged to consider statements that contain terms such as "believes," "belief," "expects," "expect," "intends," "intend," "anticipate," "anticipates," "plans," "plan," to be uncertain and forward-looking. The forward-looking statements contained herein are also subject generally to other risks and uncertainties that are described from time to time in the Company's filings with the Securities and Exchange Commission.

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