



Rocket Lab Expands Satellite Solutions with Customizable Solar Arrays

April 8, 2025

LONG BEACH, Calif.--(BUSINESS WIRE)--Apr. 8, 2025-- Rocket Lab USA, Inc. (Nasdaq: RKLb) ("Rocket Lab" or "the Company"), a global leader in launch services and space systems, today introduced the Company's family of customizable, next-generation solar arrays, Standardized Array (STARRAY), to meet the diverse power needs of satellites operating in any orbital conditions. The new product line was introduced at the 40th Space Symposium in Colorado Springs, Colorado.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20250408812937/en/>



Credit: Rocket Lab

STARRAY can be tailored to meet satellite power requirements ranging from approximately 100 watts to greater than 2,000 watts, by incorporating up to four panels per wing and utilizing Rocket Lab's highest efficiency, radiation-hardened quadruple junction solar

cells. This enables unparalleled flexibility from a pre-engineered solution and optimal performance with limited investment in non-recurring engineering.

Rocket Lab boasts the world's only vertically integrated solar array manufacturing capability, including high-volume production of solar cells, solar cell assemblies or CICs, solar panel substrates, completed solar panels and fully integrated solar arrays.

"Our objective is to offer the industry mission-specific customization with short lead times and lower costs," said Brad Clevenger, Vice President of Space Systems at Rocket Lab. "Customers can choose from a range of pre-engineered solar array configurations to meet the needs of their application while leveraging the flight-proven reliability, performance, and speed of Rocket Lab's vertically-integrated manufacturing."

With over 20 years of flight-heritage, Rocket Lab's space-grade solar solutions have powered critical civil, national security and commercial space programs such as the missile awareness systems and interplanetary science missions, the James Webb Space Telescope, Space Telescope, NASA's Artemis lunar explorations, Ingenuity Mars Helicopter, and the Mars Insight Lander. Rocket Lab's technology also serves a booming commercial satellite market, such as powering the OneWeb's GEN1 broadband internet LEO satellite constellation. Currently, over 1,100 satellites in-orbit are powered by Rocket Lab's solar products.

Learn more about Rocket Lab's Space Solar solutions: [Solar Solutions | Rocket Lab](#)

+ About Rocket Lab

Founded in 2006, Rocket Lab is an end-to-end space company with an established track record of mission success. We deliver reliable launch services, satellite manufacture, spacecraft components, and on-orbit management solutions that make it faster, easier, and more affordable to access space. Headquartered in Long Beach, California, Rocket Lab designs and manufactures the Electron small orbital launch vehicle, a family of spacecraft platforms, and the Company is developing the large Neutron launch vehicle for constellation deployment. Since its first orbital launch in January 2018, Rocket Lab's Electron launch vehicle has become the second most frequently launched U.S. rocket annually and has delivered over 200 satellites to orbit for private and public sector organizations, enabling operations in national security, scientific research, space debris mitigation, Earth observation, climate monitoring, and communications. Rocket Lab's spacecraft platforms have been selected to support NASA missions to the Moon and Mars, as well as the first private commercial mission to Venus. Rocket Lab has three launch pads at two launch sites, including two launch pads at a private orbital launch site located in New Zealand and a third launch pad in Virginia. To learn more, visit www.rocketlabusa.com.

+ Forward Looking Statements

This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. We intend such forward-looking statements to be covered by the safe harbor provisions for forward-looking statements contained in Section 27A of the Securities Act of 1933, as amended (the "Securities Act") and Section 21E of the Securities Exchange Act of 1934, as amended (the "Exchange Act"). All statements contained in this press release other than statements of historical fact, including, without limitation, statements regarding our launch and space systems operations, launch schedule and window, safe and repeatable access to space, Neutron development, operational expansion and business strategy are forward-looking statements. The words "believe," "may," "will," "estimate," "potential," "continue," "anticipate," "intend," "expect," "strategy," "future," "could," "would," "project," "plan," "target," and similar expressions are intended to identify forward-looking statements, though not all forward-looking statements use these words or expressions. These statements are neither promises nor guarantees, but involve known and unknown risks, uncertainties and other important factors that may cause our actual results, performance or

achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements, including but not limited to the factors, risks and uncertainties included in our Annual Report on Form 10-K for the fiscal year ended December 31, 2024, as such factors may be updated from time to time in our other filings with the Securities and Exchange Commission (the "SEC"), accessible on the SEC's website at www.sec.gov and the Investor Relations section of our website at www.rocketlabusa.com, which could cause our actual results to differ materially from those indicated by the forward-looking statements made in this press release. Any such forward-looking statements represent management's estimates as of the date of this press release. While we may elect to update such forward-looking statements at some point in the future, we disclaim any obligation to do so, even if subsequent events cause our views to change.

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