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**AMPT OPENS NEW OFFICE IN JAPAN TO MEET HIGH DEMAND FOR STRING OPTIMIZERS**

*String Optimizers Increase ROI in New and Existing PV Systems*

**Yokohama, Japan — July 6, 2017** — [Ampt LLC](#), a global leader in power conversion technology, today announced the establishment of a Japanese subsidiary, Ampt Japan, LLC, and the opening of an office in Yokohama to support growing demand for the company’s DC string power optimizers used in new and existing solar PV systems. This latest commitment to the Japan market follows recent investments by the company in local partnerships and specialized products to best serve solar power plant developers and EPCs in the market.

“Japan is a leader in the global adoption of solar energy, and we believe Ampt will continue to grow in the market,” said Levent Gun, CEO of Ampt. “We have made a strong commitment to Japan by expanding our products and local service capability to ensure our customer’s success.”

Ampt String Optimizers are DC-to-DC converters that put dual maximum power point trackers (MPPTs) on each string to improve the system’s lifetime performance and use Ampt’s patented technology to double the number of modules per string – which removes 50 percent of the electrical balance-of-system (BOS) components from the system.

Ampt optimizers are used to lower the cost and increase the performance of new PV systems, and are also used to upgrade existing solar power plants. Ampt upgrades existing PV systems by recovering approximately 60% of energy losses caused by the electrical imbalances which increase as systems degrade over time.

For older PV systems that must have the central inverter replaced, Ampt optimizers allow system owners to use modern and lower cost per watt inverters rather than legacy inverters. For example, 1000-volt inverters can be deployed at full rated power in 750-volt or 600-volt systems.

The high value of PV generated energy in Japan has further expanded the use of Ampt String Optimizers in systems to enable DC/AC ratios of 2-to-1 or more. Developers and EPCs are using this ability to “overload” their PV systems compared to traditional 1-to-1 ratio designs to generate up to 70% more revenue and improve the ROI of new systems, and to add more PV modules to existing inverters while operating within specification.

Developers and utilities in Japan are also increasing their adoption of energy storage systems (ESS) deployed with PV to improve grid stability and overall project economics. Ampt String Optimizers support DC-coupled storage used in systems ranging from micro-grids to mega solar power plants. Ampt’s Direct-to-Battery® technology allows the optimizer, battery, and inverter to share the same DC bus without additional charging equipment dedicated to the battery. This feature enables storage systems with greater efficiency, flexibility, and scalability at a lower cost.

“Working closely with our partners and customers, Ampt has expanded the features and applications of our string optimizers to deliver more value,” said Shigeki Kondo, Japan Country Manager for Ampt Japan, LLC. “The opening of our new office in Yokohama gives us an enhanced sales and support presence, as well as the opportunity for even stronger collaboration.”

Contact [info@ampt.com](mailto:info@ampt.com) to learn more about Ampt products and applications, and how we work with customers from initial project design to field applications support to ensure project success.

**About Ampt**

Ampt delivers innovative power conversion technology and communications capabilities that improve the way PV systems are designed. With installations and experience serving markets around the world, the company is headquartered in Fort Collins, Colorado and has sales and support locations in North America, Europe, and Japan, and South Korea as well as representation in Asia, Australia, and the Middle East. Along with our strategic partners in the [HDPV Alliance](#), Ampt is lowering the cost of solar energy, improving project ROI, and broadening the PV solar market.

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