

# INVERTERS

## ABB

Whether customers are looking for a centralized architecture or need a flexible string inverter for their next utility solar design, ABB has it covered with its PVS980 and PVS-175 models. With a sophisticated packaging solution for each segment, ABB products enable a streamlined install and site management. ABB partners with customers to meet their solar power needs. [www.abb.com](http://www.abb.com)



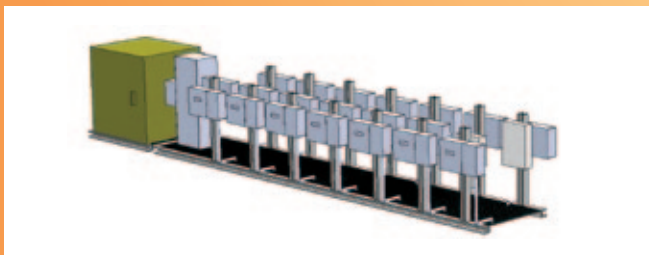
## ALENCON SYSTEMS

The Alencon String Power Optimizer and Transmitter—the SPOT, Version 6—is the latest version of Alencon's industry leading string level DC-DC optimizer. The SPOT V6 includes a number of improvements including improved thermal performance, allowing it to achieve higher power ratings and a lower cents per watt cost, says the company. [www.alenconsystems.com](http://www.alenconsystems.com)



## CHINT POWER SYSTEMS

Chint Power Systems' (CPS) integrated product for 1500V arrays is offered in three standard designs with capacities of 1.0 MW, 2.0 MW, and 2.5 MW. The design integrates inverter groups, SCADA provisions, auxiliary power, and AC recombiner on steel structures to minimize site work and startup delays. CPS is also offering a solution that includes a 2.5 MW/2.7 MVA transformer. [www.chintpowersystems.com](http://www.chintpowersystems.com)



## DARFON

The Darfon H5001 hybrid inverter was designed with the installer in mind, says the company. Its distribution box is where all the connections are made and includes breakers, disconnect switches, and generator support circuitry to simplify the installation process. The H5001 supports a wide range of applications, such as off-grid, self-use, net-metering, backup, and time-of-use. [www.darfon.com](http://www.darfon.com)



## FRONIUS

Featuring ten models ranging from 10 kW to 24 kW, the Fronius Symo Advanced is said to be an ideal inverter for commercial applications. The new advanced versions combine the benefits of the Fronius Symo with additional value for states with Module Level Shutdown requirements including integrated PLC transmitter for SunSpec Rapid Shutdown communication standard, compliance with NEC pre-2014, 2014, and 2017, zero-tilt mounting, light weight, and field serviceability. [www.fronius.com](http://www.fronius.com)



## GROWATT

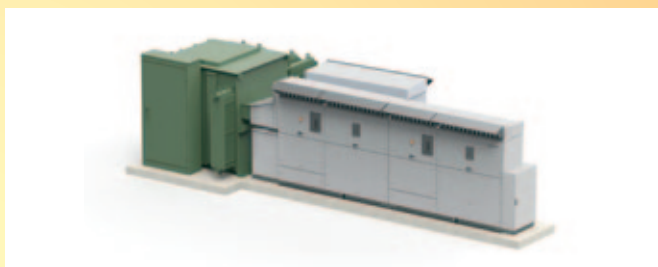
The Growatt 8-10k MTL-UP inverter adopts a compact design with three MPPTs for flexible configuration. It is compliant with U1741 SA and CA Rule 21. Furthermore, with Growatt OSS (Online Smart Service), it becomes much more convenient for customers to monitor and maintain the PV system from their mobile devices, says the company. [www.growatt.com](http://www.growatt.com)



## INGETEAM

Ingeteam's Medium Voltage Inverter Station is said to be a compact, adaptable, and versatile plug-and-play solution that integrates all the devices required for a multi-megawatt system. Customizable up to 5.4MVA and with a power density of 5.2W/in<sup>3</sup>, the company says this solution offers low CAPEX and low OPEX, thanks to its long-lasting design, ease of access and serviceability, and maximum protection.

[www.ingeteam.com](http://www.ingeteam.com)



## MORNINGSTAR

A new benchmark in battery-based inverters, the MultiWave 4kW high-frequency inverter/charger combines low-frequency surge capability with high-frequency agility and compactness. It delivers more power with less weight and without cooling fans; achieving peak efficiency >95 percent. It has 120, 120/240, and 230V AC versions, accommodates expansion devices for adding sophisticated generator control, and features automated load shedding and system monitoring.

[www.morningstarcorp.com](http://www.morningstarcorp.com)



## RHOMBUS

Rhombus Inverter Systems are complete Site Inverter Systems that provide:

- Maximum flexibility with optional power stages that can be configured in multiple ways
- Integrated VectorStat site controller configured as a mesh or "hub and spoke" SCADA
- Integrated utility grade meter system
- Multi-mode, multi-port, utility interactive bi-directional Inverter for on and off-grid connections



- Power converter for distributed energy resources in grid or island mode
  - Resiliency designed multi-point communications to remote equipment
  - Integrated isolation transformer
- [www.RhombusEnergy.com](http://www.RhombusEnergy.com)

## SMA

Now available in two new models, SMA's Sunny Tripower CORE1, combined with its new TS4-R-F module-level retrofit device, supports the new SunSpec Power Line Communication signal for module-level rapid shutdown. This provides a reliable, cost-effective solution to achieve compliance with 2017 NEC module-level rapid shutdown requirements in commercial rooftop systems.

[www.SMA-America.com](http://www.SMA-America.com)



## SOLAREEDGE

SolarEdge's expanded offering of three-phase inverters with synergy technology up to 100 kW combines large capacity with ease of installation. The inverter design is based on small, lightweight, and easy-to-carry primary and secondary units. They are wall mounted for a minimal footprint, with installation only requiring a one or two-person crew.

[www.solaredge.com](http://www.solaredge.com)



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### SOLIS

Solis is one of the largest global inverter suppliers and has been active in the U.S. market since 2009. With strong stability, high reliability, excellent quality, and a broad product range, Solis is a solid choice for inverter needs, says the company. It has single-phase and three-phase inverters ranging from 2.5 kW to 66 kW. [www.ginlong.com](http://www.ginlong.com)



### TMEIC

TMEIC is a pioneer in developing technology for the renewable energy industry, says the company. TMEIC has installed over 10 GW of renewable energy globally. Its Solar Ware PV product line includes inverters up to 3360 kW at 1500V. TMEIC also provides advanced grid integration, energy storage, and PV monitoring solutions. [www.tmeic.com](http://www.tmeic.com)



### TABUCHI

Tabuchi America's Eco Intelligent Battery System is a grid-friendly residential solar-plus-storage solution designed to maximize the homeowner's investment while driving long-term grid stability. Flexible operation modes offer the flexibility of off-setting TOU rates, reducing home energy costs, and providing a secure source of backup power. The company's inverters are sold with the battery systems. Its three-phase, utility-scalable 25kW commercial inverters are the workhorses of Tabuchi America. Featuring six MPPTs (Maximum Power Point Trackers) for flexible design and higher solar production, Tabuchi products are ground, rack, or roof mountable. [www.tabuchiamerica.com](http://www.tabuchiamerica.com)



### YASKAWA SOLECTRIA SOLAR

The Solectria XGI 1000 is available in 50kW, 60kW, and 65kW power levels with 4 MPPT zones to run in either independent or parallel mode. Designed, engineered, and assembled in the U.S., the XGI offers the highest level of qualified components to ensure maximum uptime and decreased LCOE, says the company. [www.solectria.com](http://www.solectria.com)

