



APsystems
ALTERNATIVE ENERGY POWER



**Leading MLPE Technology
for Smarter Commercial Solar**

Multi-module Microinverters, a game-changer for small and medium commercial solar !

Offering the widest range of microinverters available on the market, including the world's 1st native 3-phase YC 1000 QUAD microinverter and high performance single phase QUAD with the QS1, in 2019 APsystems became **#1 multi-module microinverter manufacturer worldwide***, offering a robust and compelling solution for small and medium commercial solar across the world.



Engineered for safety

In building-integrated solar projects involving human protection issues, high voltage DC running on the roof can create problems causing arc-fault risks which may lead to fire hazards.

APsystems microinverters tie directly to the low-voltage PV module and connect to the public power grid via standard AC voltages, enhancing human and building protection, making sure safety is no more a concern to your project.



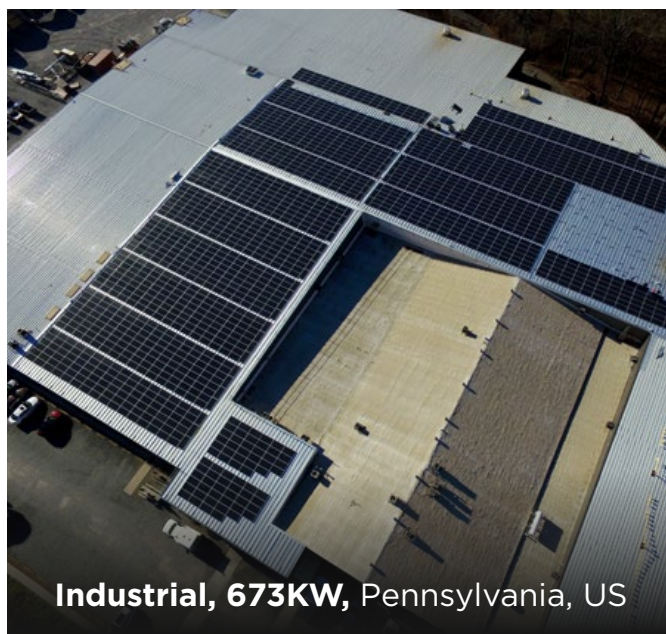
- Low Voltage DC at module level only
- NEC 2014 regulation compliant with integrated rapid shutdown feature
- Better human protection, reduced risk of electric shocks

Designed for reliability

At APsystems, quality is given top priority to enable our microinverters to last for over 25 years. As part of our ISO 9001 certification process, all products go through numerous and rigorous quality & reliability verification tests and accelerated life simulations, including high-low temperature testing, salt spray testing, waterproof testing, drop testing and vibration testing. We also commission recognized 3rd party testing companies such as DNL-GL to run qualified tests to meet and exceed industry requirements.



- Highest enclosure rating in industry: NEMA 6 / IP67
- Filled with potting - improved heat dissipation and component protection
- Low thermal footprint - reduces thermal cycling & component stress
- Designed for 25 years+



* In MW shipped in 2018.



Simplified logistics, design & faster install

With APsystems microinverters only 1 or 2 product SKUs are necessary to manage the efficient use of working capital and the reduction of inventory risks in your warehouse. The same product can cover all installation types.

Unlike DC specialized installers, often requiring additional expertise, it is easier and less costly. With a suite of plug and play components including all necessary accessories, installations get significantly faster.



- Simpler logistic management with reduced inventory risks
- No DC string design
- Plug and play solution ensuring higher flexibility & rapid installation



Biggest Bifacial EU PV plant, 400 KW, Netherlands

3-4 modules microinverters

Wireless ZigBee ECU-C / ECU-R Gateway



QS-1

YC-1000



EMA Online Monitoring Portal



ECU App



EMA App



The APsystems Commercial Solution improves operational efficiency throughout the installation process

Both our 4-module grid-tied microinverters, 3-phase YC1000 and single-phase QS1, work with our advanced gateway through a robust ZigBee mesh network enabling free module-level online monitoring.

Lowering O&M costs

Servicing solar systems over their lifetime may involve onsite maintenance and troubleshooting which can be very expensive.

APsystems provides continuous reporting from each panel and microinverter with sophisticated alert & reporting capabilities through the EMA monitoring system, enabling customers not only to prioritize but also troubleshoot remotely and overall better manage their systems fleet, leading to significant cost savings on O&M activities.



- No single point of failure
- Cost-effective, planned systems management
- Proactive maintenance service with remote troubleshooting capabilities

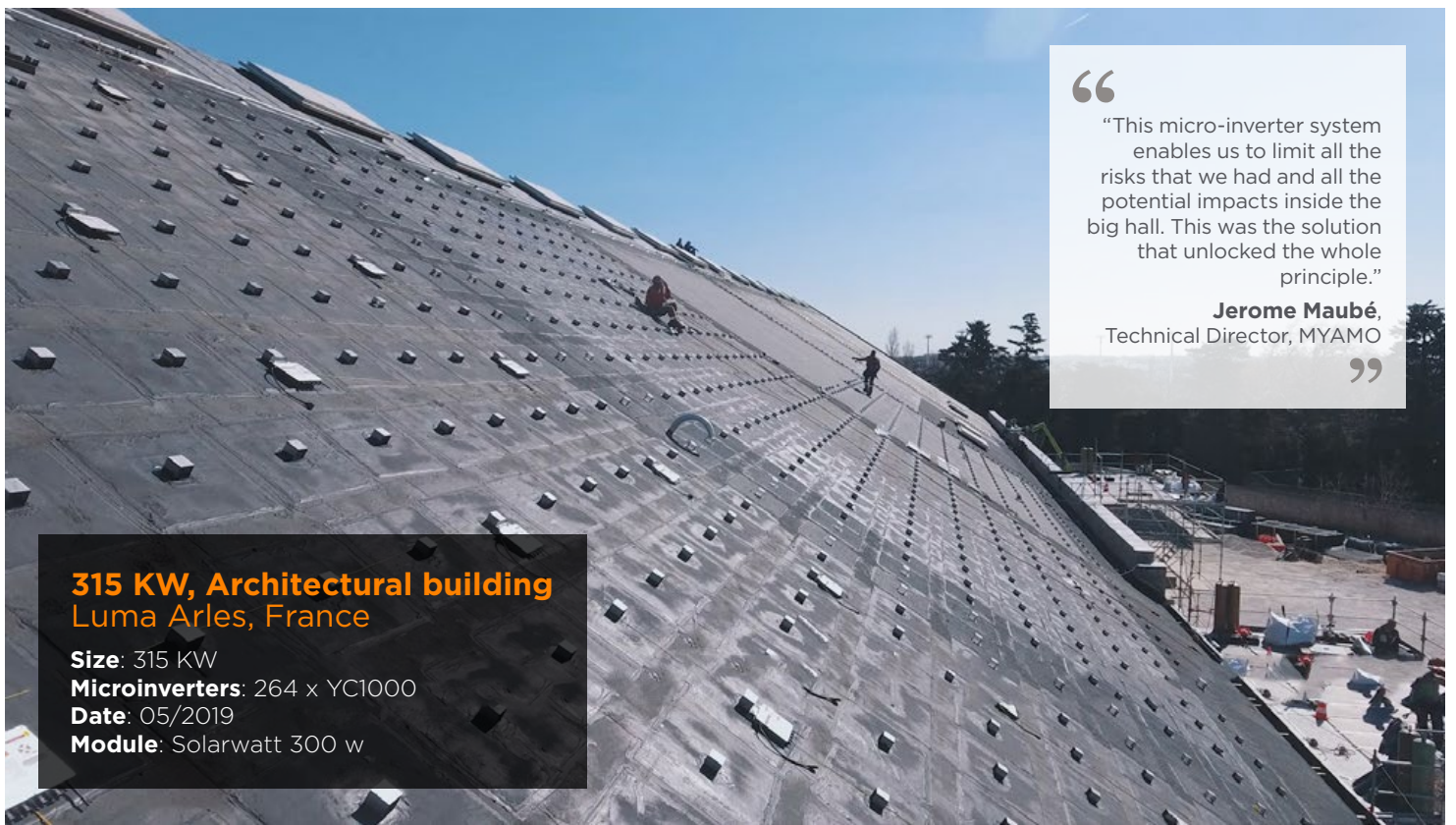


“ The two main reasons for choosing the APsystems YC1000 microinverter were, on the one hand, the aesthetics of the buildings that had to be preserved vis-à-vis the university neighborhood and on the other hand, there was restricted available space in the buildings, so the micro-inverter was the obvious solution for the owner.

Robert Plass,
Sales Manager
TRITEC AG

”

318 KW University,
Lausanne, Switzerland
Size: 318KW across 2 buildings
Microinverters: YC1000
Date: 05/2018
Module: Qcell's Qpower G5 270



“ This micro-inverter system enables us to limit all the risks that we had and all the potential impacts inside the big hall. This was the solution that unlocked the whole principle.”

Jerome Maubé,
Technical Director, MYAMO

”

315 KW, Architectural building
Luma Arles, France
Size: 315 KW
Microinverters: 264 x YC1000
Date: 05/2019
Module: Solarwatt 300 w



QS1 Gas station, 108KW,
United States
Size: 108 KW
Microinverters: 90 x QS1
Date: 01/2019
Modules: CSun 360 W

The APSystems Company

Headquartered in China, APSystems is organized across 4 regional business units located in North America, Europe, Latin America and Asia Pacific to serve customers in more than 80 countries via local teams. With an R&D center in Silicon Valley, the company has developed genuine expertise in innovative power electronics technologies over the past 10 years and continues to be a leader in the ever-growing solar MLPE segment with solid financial performance, profitable every year since 2012.



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