



UBIK Solutions' mission is to empower people on the usage of renewable energy by offering smart, simple and affordable technologies.

UBIK has developed the **S350AC OptiVerter®** and **S400DC OptiVerter®**—the next generation smart solar power electronics for sustainable energy ecosystems.

They sport a hybrid technology that merges the key advantages of existing market leaders into an all-in-one and plug-and-play device offering simple, efficient and affordable energy conversion for AC and DC residential and small-to-medium businesses.



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TALLINN (EE)
EINDHOVEN (NL)

THE PROBLEM UBIK SOLVES



Current solutions are expensive and complex. Beside that, they are severely influenced by the shading of the PV panel; even 10% of shading drops the power output up to 50%.



This is limiting the widespread usage of solar energy especially in residential areas. In addition, Direct Current microgrids in buildings, infrastructures and neighborhoods are starting to be planned and there is not yet a suitable PV conversion solution for them.

UBIK'S SOLUTION

The patented OptiVerter® Technology secures maximum tolerance to shading, supporting small residential installations with affordability and simple set-up in plug-in installations both for AC and DC grids.



Shading tolerance: the power optimizer capabilities allow up to 30% higher energy harvest in partially shaded conditions in comparison with a traditional microinverter.*



All-in-one concept: thanks to its built-in communications gateway and wiring, the small investment guarantees a better ROI.



Plug-and-play capabilities makes the installation very simple and reduces the set-up time considerably. System can be fully managed via the included FlowEM® app.



Two versions available depending on the connection type:

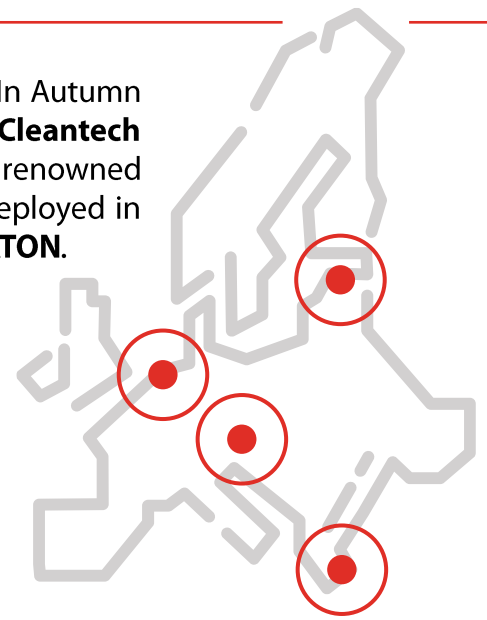


230VAC OptiVerter® for the common grid connection and **350- or 700VDC OptiVerter®** for the upcoming DC microgrids.

*Test performed by the Tallinn University of Technology against market leader microinverter.

TRACTION

The **technology is patented**, and **AC pilots** are running in 4 countries. In Autumn 2017 UBIK won the PowerUP! Competition by InnoEnergy as the **Best Cleantech Startup of Estonia**, and in Spring 2018 the company was part of the renowned **HighTechXL Accelerator** in Eindhoven. Our first **DC pilot** is currently deployed in The Netherlands **in cooperation with the multinational corporation EATON**.



TARGET MARKET

UBIK Solutions' are of interest **to solar installers, system integrators and the DIY market.**

Our value proposition focuses in making installations **quicker and simpler**, allowing **installers** to invest less time per installation. **System integrators** can use the **DC OptiVerter®** in their DC microgrid projects, **while DIY enthusiasts** can acquire an **AC OptiVerter®** and make their own system with ease.

UBIK Solutions will grow your business while fostering the transition to a **sustainable energy economy.**



THE TEAM BEHIND



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