

Vatio is making residential solar an accessible and affordable appliance for all

Problem

Current residential solar business models require high upfront costs (\$20k) or long-term contracts (20 years) leaving many residents out of the market from saving on their electricity bills (renters, those moving soon, those without excess capital). High customer acquisition costs make it hard to reduce these barriers.

Solution

Vatio's simple plug-in solar kit allows customers to own their solar for <\$1k and start saving 20-30% off their energy bill immediately by plugging their system into a regular home outlet. Vatio is targeted at those who cannot participate in residential solar today and need the bill savings most

Vatio Co-founders



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**PhD Mech. Eng.
MS Management**
Renewables Strategy & BD (15+yrs)
2nd time founder



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Product Dev. (15+yrs)
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Digital Design
UX/UI Designer (5+yrs)

Your Vatio system reduces your grid-power consumption and bill instantly

1 Solar in a box
The Vatio kit comes ready to be used off the shelf



2 Multiple mounting choices
Ground, balcony, fence, etc.
Rooftop mounting possible with installer support.

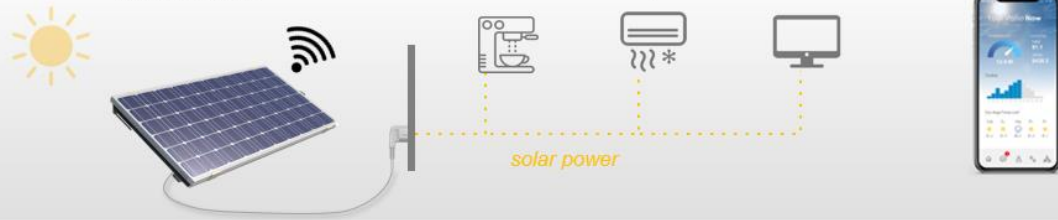


2 Built-in Smart box
Sends useful information to user to track savings and optimize solar output

3 Plug & Play
into regular outlet

4 Power bill savings
Solar power reduces grid power demand thereby generating savings

5 App to track savings



First Prototype

The prototype comprises a lightweight solar panel (2x180W), a microinverter, and a versatile mounting structure that allows the flexible installation on balcony, ground, wall or rooftops. A key component is the smart box that captures system data, along with a microcomputer and WIFI connectivity. This enables real-time communication with the system and provides users with installation guidance and performance monitoring. The smart box also enhances security by alerting users to potential risks like strong winds or panel movements.

