



| OFF THE GRID |

YOUR LIFE ON SOLAR

*Passive and active solar design, sustainable materials, energy efficiency
and a skate park—this Ha'ikū home has it all*

Brad Albert has been a leader in the solar industry for decades. He was there for the glory days of solar in Hawai'i and has weathered the storm of a statewide solar slow down. Through it all, he's seen thousands of rooftops and just as many homes. When Brad and his wife planned their new, dream home on a two-and-a-half-acre parcel in Ha'ikū, they envisioned a completely solar-powered, low-energy home—no gas, no grid. Built for seamless indoor-outdoor living and inspired by the old canneries in Ha'ikū,

the finished product is a three-bedroom, two-and-a-half-bath cannery-style home with agrarian-modern architecture, complete with a standing seam metal roof, corrugated aluminium siding with treated cedar accents and, of course, a 10-kilowatt PV system with Tesla battery storage and two electric car charging stations. A basketball hoop and cement skatepark landscaped into the half-moon driveway completes the ultimate family abode.

—Kevin Whitten



Award-winning photographer
Mike Adrian has spent over a
decade documenting projects
for his discerning clientele.
Based in Hawai'i, he travels
extensively to photograph his
clients' latest projects.

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clockwise from top right:

Recycled wood from the property's pre-existing 1930s barn was used for bathroom vanities and this custom interior barn door; This living area on the covered lanai seamlessly blends indoor and outdoor living; Wooden accents and furniture compliment the agrarian modern architecture; Having the proper craft for outdoor recreation is just as important as having the best PV system available; An open floor plan and high ceilings give the house a big feel for a small footprint. Kitchen cabinets by Leicht are high quality and affordable.





above: The mini skatepark was designed and installed by Top Heavy Concrete and incorporates the natural landscape into a driveway that doubles as a skatepark and a basketball court.



below: The 10-kilowatt net-metered PV system supplies enough power to offset all the energy usage in the house and charge the family's BMW i3 electric car. The Tesla Powerwall supplies backup power to all critical loads in the house in the event of a power outage and can be configured to self supply energy without exporting to the grid.