



The dawn of Solar 2.0

After 16 years of dedicated research, our team of scientists has developed a revolutionary product: **NUKI – Solar 2.0 (Advanced PB Solar Panel with Controller!)**



Controller

Advanced PB Solar Panel

What is NUKI?

NUKI is a cutting-edge **Advanced PB Solar Panel with Controller!** The Solar 2.0 panel is an e-panel with built in e-devices where ionization takes place and the controller module converts it into usable power. It operates without relying on traditional power sources, breaking the conventional boundaries of science.

Nuki is currently available in two models:

1. NUKI for Electric Vehicles (EVs)

A comparatively small, easy-to-install device that automatically charges itself eliminating the necessity of huge battery bank, enabling longer drives without the need for frequent charging stops. Nuki for EV will be made available in the voltages of **48V, 60V, 72V & 400V** and at an amperage of 110A. In some special cases, the voltage & amperage can be customized according to the manufacturers' need.

2. NUKI for Inverters/ UPS & Cell Phone Towers

Connect NUKI to your inverter or UPS in place of your regular battery, and it will keep your system active without drawing from the grid, providing continuous power for the lifetime. Mimanso plans to manufacture and sell the following models of Nuki in the first phase

- 48 Volts – 5 KW
- 96 Volts – 10 KW
- 192 Volts – 20 KW

Regular PV Solar Panel vs Solar 2.0

Main Differences	Regular PV Solar Panel	Solar 2.0
Climatic Conditions	Power generation using regular PV Solar Panel has a peak efficiency of not more than 4-6 hours. And the efficiency is dependent on the climatic conditions.	Whereas Nuki has a peak efficiency of 24 hours irrespective of the climatic conditions. Nuki can be housed anywhere in the closed environment. This amounts to 1:4+ efficiency ratio even in pessimistic sense.
Size, Efficiency & Mobility	A 5 Kilowatts power generation unit using regular PV Solar Panel will require 400 to 500 Square feet of space and it is not easily movable too. In reality, the usable power of maximum 30 Units (i.e., Kilowatt Hour) only will be available per day with this system.	Whereas Nuki with the capacity of 5 Kilowatts of power using Solar 2.0 requires only 2.5 Cubic feet of space. And it weighs around 15 Kilograms. Hence it can easily be moved around. The usable power of constant 120 Units (i.e. Kilowatt Hour) will be available per day with this system.
Maintenance	<ul style="list-style-type: none"> • Cleaning: Dust is the biggest issue; clean every few weeks to months depending on dust levels. • Annual Maintenance Contracts (AMC): Cover professional cleaning and system health checks. • Batteries: Need replacement every 3-5 years, adding significant cost. • Repairs: Panel issues can cost quite a bit. 	Whereas Nuki comes with complete replacement assurance of the unit in case of any issue. AMC charges are just 5% of base cost of Nuki.

- NUKI, in fact, redefines what's possible, turning the laws of conventional energy upside down.