

Microtek SUNNOX Solar Bi-Directional Hybrid 3KVA/48V PCU:
What You Need to Know

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If you are thinking of installing home solar power plant for saving your electricity bill, then you are just doing the perfect investment. The power failure has become common in Indian scenario and so, using solar energy is the correct decision for you. You only need to pay the installation charge and after that, you can save a big amount on your electric bill by using the free renewable energy source.



Here in this blog, we will discuss the salient features of our [SUNNOX Solar Bi-Directional Hybrid 3KVA/48V PCU](#) in detail. Just read on:

Easy:

The SUNNOX SBH PCU is light in weight and compact in size and these makes it nearly zero maintenance item, and so it can be simply fixed on the wall.

Multi-purpose:

The SUNNOX SBH PCU comes with latest dual MPPT technology which provides the facility of installing solar panels on various sides of theroof, i.e., for covering 2 different areas of rooftop with solar panels and there won't be the requirement of another grid-tie **solar inverter**. This technology will harness the solar energy on both the sides.

LCD screen:

The SBH PCU displays what is going on inside via messages on its LCD screen. The amount of units of electricity being made, battery status, input, and output voltage are also displayed on its screen.

Shade tolerant:

The advanced MPPT logic system of Microtek SUNNOX SBH PCU is designed for working on a wide voltage range and decreases the impact of partial shading on energy output which in fact supplies some amount of solar energy even when the solar panels are covered with shade temporarily or partially.

Earn on Sun:

Now you can sell electricity to the Electricity board. Microtek SUNNOX SBH PCU can be plugged with a Bi-Directional meter. Power backup with grid-tie performance converts external DC current to AC current for sell to the utility grid. If in any state, there is an active net-metering policy, it'll be capable of seeing clearly how many units of electricity is fed back into the grid. This is an extra income to your savings which is done by using solar power.

Numerous applications:

The various examples of applications of SBH PCU are offices, small enterprises, shops, power source for summer vacation homes or resorts, electrification of school in rural areas, rail or road signals, aviation obstruction lighting systems, livestock watering and rural water supplies, pumping systems for irrigation, environmental data monitoring and water quality systems, emergency communication systems, radio repeater stations or microwave, medical facilities in rural areas, electrification of unavailable areas etc.

If you find this information useful, then feel free to share your thoughts with us after using this product.