



# Power-electric solar inverters

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The Solax X-1-MINI G4 range of inverters has been made specifically for small PV (photovoltaic) arrays, and since they start operating at a voltage of 50V and achieve an impressive maximum efficiency of 98%, they're proof that small is mighty. The X1-MINI G4 is designed to help you fully exploit the capabilities of your PV system, ensuring exceptional performance and energy harvest tailored to your local solar conditions.

Despite being smaller than an A4 sheet of paper, the Solax X-1-MINI G4 inverter excels in delivering peak energy potential and efficiency, making it perfect for installations where space is limited, such as balconies.

The X-1-MINI G4's performance is notably enhanced with features such as a 200% oversizing of DC input, a current of 16A, and a wide MPPT voltage range from 40V to 450V. Plus, the built-in global Maximum Power Point (MPP) scan ensures higher energy yields from your solar setup.

Safety is a priority with the X1-MINI-G4, offering optional AC/DC built-in type II surge protection devices (SPD), support for external rapid shutdown devices (RSD), optional arc fault circuit interruption (AFCI), and a built-in expert control function.

The inverter also boasts flexible adaptability, seamlessly integrating with home EV chargers and supporting mass management and extensive extensions via Datahub. And you can expand the system even more through parallel solutions supported by Modbus.

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If you change your mind about the product when you receive it you can notify us any time within 30 days and return it for a full refund at your own cost. Any refunds will be made within 30 days of receiving your returned item. You are expected to cover the cost to return the item and your initial delivery charge will not be refunded.

We carry many types, sizes, brands, and models of inverters. Various options are also available. Choosing which one is best from such a long list can be a chore. There is no "best" inverter for all purposes - what might be great for an ambulance would not be suited for an RV. Power output is usually the main factor, but there are many others.

There are many factors that go into selecting the best inverter (and options) for your application, especially when you get into the higher power ranges (800 watts or more). This page should give you the information you need to get your selection down to what will work best for you.

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