

MODENA

SolarPad

Your sustainable
solar energy solution.



Better Power Better Savings.

Introducing SolarPad, the smartest solar energy solution by MODENA.

Perfected with the newest innovations in solar technology, SolarPad reliably converts cleaner, greener solar power for your home and business, allowing you to save a great deal on electricity bills, while contributing to a sustainable future.

Available in Hybrid and On-Grid systems, **SolarPad** can be easily tailored to your home or business' power needs.



Exceptional Efficiency

With higher energy efficiency of 97.5%, SolarPad is the most reliable and advantageous solution for your home or business power needs. The panels are low temperature coefficient and performs exceptionally well in low light and high temperature conditions.

Impeccable Performance

The advanced and durable Grade A solar cells allow SolarPad to withstand the most extreme environmental conditions and reduce potential-induced degradation. With SolarPad, impeccable performance is guaranteed for years to come!

Smart Wi-Fi Tracking

Your daily solar energy usage and preferences can be monitored with ease through SolarPad's integrated Wi-Fi or Ethernet communication system. Connect it to our MODENA Seamless application and marvel at the amount of electricity savings you have made by converting to solar!

Extremely Light & Incredibly Quiet

With the option of Micro or On-Grid inverters, SolarPad offers a better energy solution that is compact and efficient. The Micro-Inverter can be comfortably tucked in under the robust panel, requiring no installation nor maintenance, while the On-Grid Inverter is nearly 40% lighter in weight, making it simpler to install and maintain.

Finally, the On-Grid Inverter is also as quiet as a whisper, producing, at its lowest, only 25dB noise.

Our Range

A cleaner, greener solar energy solution for your home and business.

Electrical Characteristics at STC

Maximum Power (P max)	450W
Open Circuit Voltage (Voc)	50.2V
Short Circuit Current (Isc)	11.28A
Voltage at Maximum Power (Vmp)	41.8V
Current at Maximum Power (Imp)	10.77A
Module Efficiency (%)	20.37
Operating Temperature	-40°C to +85°C
Maximum System Voltage	1000V DC/1500V DC
Fire Resistance Rating	Type 1(in accordance with UL1703)/Class C(IEC61730)
Maximum Series Fuse Rating	20A



SolarPad On-Grid

SL 1350 OGD / SL 1800 OGD / SL 2250 OGD
/ SL 3000 OGD / SL 4000 OGD

Convert to clean energy that will provide more savings on your electricity bills with **SolarPad On-Grid**. The Grade A solar cells allow it to quickly adapt to a wide range of temperature and light conditions, while the lightweight yet reliable Micro or On-Grid Inverter converts energy with advanced efficiency. With built-in Wi-Fi communication, you can monitor your energy usage and savings, daily. One-time installation, one giant leap to a cleaner, greener future.

Panel

- Grade A solar cells
- Energy absorption efficiency of 99%
- Energy conversion efficiency of minimum 27%
- Incredible range of -40°C to $+85^{\circ}\text{C}$ operational temperature
- Excellent low light performance
- Strong, long-lasting galvanized aluminium, silicone, and tempered glass design
- High resistance against extreme environmental conditions
- High resistance against potential-induced degradation

Inverter

- Extremely light Micro-Inverter or On-Grid Inverter
- Compact On-Grid design with IP65 inverter casing for outdoor use
- Higher power yield up to 97.5%
- Incredibly quiet with only 25dB noise
- Smart integrated Wi-Fi or Ethernet tracking via MODENA Seamless app
- Remote firmware update



Panel

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SolarPad Hybrid

SL 1350 HBR / SL 1800 HBR / SL 2250 HBR / SL 3000 HBR / SL 4000 HBR

Trust on solar power from day to night with **SolarPad Hybrid**. The advanced solar energy solution comes with a battery that can store excess converted energy during the day and continue powering your home and business long after the sun sets. The effective Micro or On-Grid Inverter can be easily installed and maintained, while the integrated Wi-Fi communication system allows you to monitor your energy usage and savings through a dedicated app. An exceptional sustainable energy solution that will leave you marveling at its affordability and reliability!

Inverter

- Extremely light Hybrid / Off-Grid Inverter
- Compact On-Grid design with IP65 inverter casing for outdoor use
- Higher power yield up to 97.5%
- Incredibly quiet with only 25dB noise
- Smart integrated Wi-Fi or Ethernet tracking via MODENA Seamless app
- Remote firmware update

Make the solar choice **today.**



How to get **SolarPad**

1. Visit a MODENA Experience Center or MODENA Home Center or visit www.modena.com to arrange a consultation with one of our **SolarPad** experts.
2. Talk with our **SolarPad** experts to choose the perfect solar energy solution for your home or business' needs.
3. Found the one? Our **SolarPad** experts will arrange a one-time survey to your home or place of business to ensure everything is in tip-top shape for installation.
4. Installation will take 1 - 2 working days.
5. Enjoy your cleaner, greener solar energy and savings with **SolarPad!**



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www.modena.com