# Mobile balcony power station

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Anker SOLIX RS40P is a solar balcony power plant with a high 25% conversion efficiency, turning sunlight into 890W of output every day.Anker SOLIX Solarbank maxes out power generation with its 1.6kWh capacity. With the 600W/800W micro inverter, it stores excess power and increases the self-consumption rate from 40% to 90%.Over 30 years of use, this adds up to EUR9,612. That"s EUR5,340 more than a solar panel by itself.

Rather than use energy from the grid, Anker SOLIX Balcony Power Storage System taps into solar power to use sustainable energy from the start.With high 25% conversion efficiency and excess solar power saved, that"s more clean energy you produce that"s used for your home.Over 30 years of using Balcony Power Storage System, you reduce carbon emissions by 23,958kg. That"s 13,310kg more than using a balcony power plant by itself.

Jackery has introduced during IFA 2024 at Showstoppers, its latest innovation, the Navi 2000 Balcony Solar System, offering a mobile, flexible, and efficient solution for home energy storage. Unlike traditional fixed power stations, the Navi 2000 provides portability with a durable aluminum design and integrated inverter, making it ideal for use in locations like balconies, gardens, tiny homes, or even holiday properties.

Its compatibility with standard solar panels (up to 1600 watts) and Jackery’s flexible modules adds versatility for users, whether for home power or outdoor activities.

The Navi 2000 can generate up to 900 kWh more electricity annually compared to typical 800-watt balcony systems, enhancing self-consumption with its dual MPPT solar controller. It features a 2 kWh battery capacity, expandable to 8 kWh with additional packs, ensuring flexibility in power storage and use. Compliant with Germany’s Solar Package 1 policy, the system allows users to feed 800 watts into the grid, aligning with local regulations.

One standout feature is bidirectional charging and discharging, which enables users to supplement solar energy with AC power, achieving an 80% charge in under 52 minutes. This hybrid approach will be especially useful in future scenarios with dynamic electricity tariffs.

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