Smart Immersion Heater

EcoFlow PowerGlow

Turn Solar into Heat

Clean solar power for water heating

With EcoFlow PowerGlow, you can make use of clean and sustainable solar energy for water heating. Combine with PowerOcean, or integrate with a third-party PV system using a smart meter to utilize surplus solar energy to heat your water and elevate your water heating experience.

More savings on bills, less energy waste

EcoFlow PowerGlow can dynamically adjust heating power at the watt level to maximize every bit of surplus solar power for water heating. Its starting power reaches as low as 5W*, meaning less energy is wasted and more solar power is used.
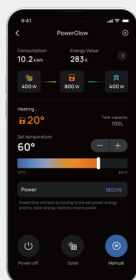

* The 5W startup is based on PowerGlow hardware. For optimal energy use, we recommend a 50W startup when paired with PowerOcean in solar mode and 30W when using it with a smart meter due to variations in meter and home storage system precision.
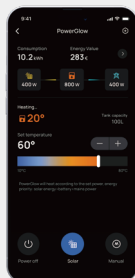
Intelligent heating control in your hands

Monitor energy consumption and savings through a visual interface, and intelligently control water heating from the EcoFlow app.

With PowerOcean integration, you can control PowerGlow and set **Manual Mode** or **Solar Mode** for water heating.

Manual Mode
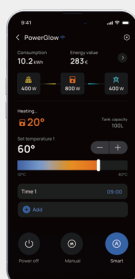· Set your target temperature and heating power manually.

Solar Mode
· PowerGlow utilizes surplus solar power for heating.

When used independently, PowerGlow offers **Manual Mode** and **Smart Mode** to meet your heating demands.

Manual Mode
· Set your target temperature and heating power manually.

Smart Mode
· Set target temperature and time.
· PowerGlow will auto-adjust power to reach the set temperature within the set time.

Designed with safety and reliability in mind

EcoFlow PowerGlow features black gold materials that reduce rod magnetism and limescale buildup—extending lifespan and efficiency. Its thermal protection prevents dry-burning, ensuring long-term safety and reliability.

All of your heating needs covered

Choose the right heating power for use. PowerGlow has mutiple power options for variable heating demands: 3.5kW, 6kW, and 9kW.

* EcoFlow PowerGlow should always be used with adequate water in the tank to prevent potential dry-fire hazards.

* When PowerGlow is integrated with PowerOcean, the PowerOcean DC Fit is not supported.

* All specifications and descriptions shown may differ from the actual specification of the product. EcoFlow reserves the right to make changes and amendments to the product shown and described here at any time without prior notice of such change. All functionality, features, specifications, design and other product information displayed in this brochure including, but not limited to, components, performance, availability, and capabilities of the product are subject to change without notice. The contents and simulated images within the screen are for demonstration purposes only.

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