

# IQ720



# Asymmetric Innovation With Heat Dissipation Performance And Aesthetics

The neatly arranged and asymmetrical heat dissipation teeth on the outer shell of the charger give IQ720 Charger a unique visual impact. This design not only enhances its aesthetic appeal but also ensures excellent heat dissipation performance, ensuring its stable operational state. This asymmetrical beauty is not only innovative in the industrial field but also adds an artistic touch to the charger. Furthermore, the IQ720 Charger combines high-quality aluminum casing with advanced processing techniques, achieving an exquisite appearance. Every detail has been carefully polished, guaranteeing an unparalleled sense of quality and touch. The careful selection and combination of materials and craftsmanship provide users with an outstanding visual and tactile experience.

**The neatly arranged and asymmetrical heat dissipation teeth.**

MODEL: IQ/20-2430  
Input: 100-240V~, 60/50Hz,  
10A MAX  
Output: 24V = 30A  
≡ T10A/250V

## Smart Charging Management For Comprehensive Device Control

The IQ720 Charger not only has basic charging functionality but also integrates multiple features such as battery status detection and data interchange, providing users with a comprehensive device management solution. By interacting with the control system of the end-product machine, the IQ720 Charger can establish connections with logistics handling equipment, cleaning devices, and other equipment, thus offering a more comprehensive device management capability. With its self-developed Windows OS software, the IQ720 Charger enables users to effortlessly analyze charging data and battery health trend curves. Additionally, users can customize charging parameters to accommodate different types of batteries. This intelligent operational design allows users to conveniently manage and optimize their charging processes.



Charging functionality



Battery status detection



Data interchange

- With its self-developed **Windows OS** software





## Protection Mechanisms Ensure A Stable And Safe Charging Experience

The IQ720 Charger is equipped with multiple protection mechanisms to ensure stable operation in various harsh environments. The casing meets IP66 standards for waterproof, dustproof, and shockproof performance, effectively protecting the product from water, dust, and vibration. Additionally, the product is equipped with 380V high-voltage protection, ensuring safe operation in high-voltage environments. Furthermore, the circuit design of the IQ720 Charger is highly reliable, incorporating various protective functions such as reverse connection protection and short circuit protection. Whether it is user error in reverse polarity connection or a short circuit situation, the product automatically triggers the protection mechanism, avoiding potential hazards. Through these protective measures, the IQ720 Charger comprehensively guarantees user safety.

IP66 waterproof

## Innovative Efficient Heat Dissipation And Compact Design

The IQ720 Charger features an efficient heat dissipation design achieved through in-depth research on the arrangement of heat dissipation teeth, resulting in outstanding heat dissipation performance. Additionally, the product separates components with high heat generation from those with low heat generation, placed on opposite sides, further enhancing heat dissipation efficiency and achieving cost savings in materials. Moreover, the IQ720 Charger is streamlined circuit design, which not only reduces manufacturing costs but also makes the product more compact in size and lightweight, providing users with a more convenient user experience.



Heat  
dissipation

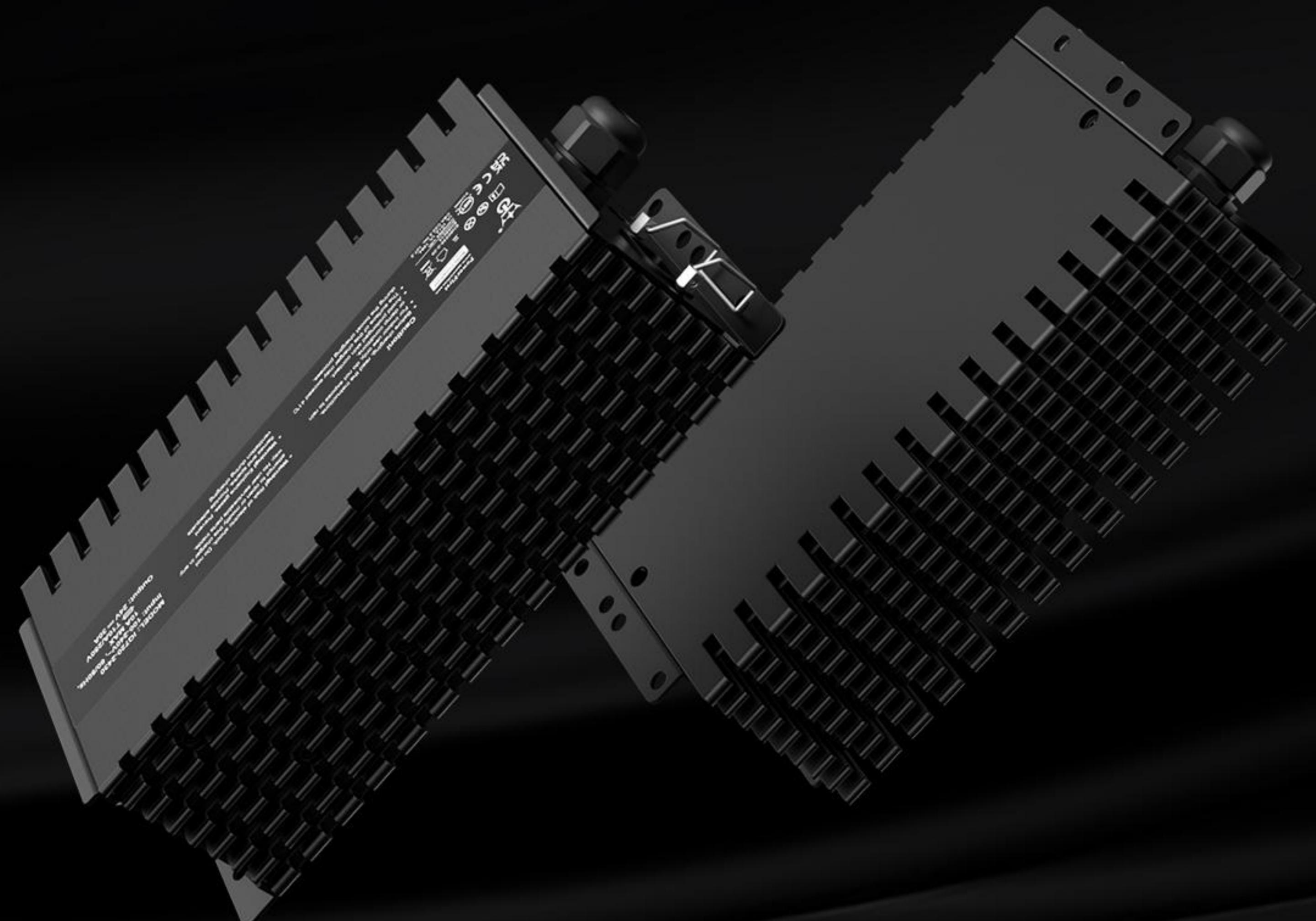


Cost  
savings



Compact  
lightweight





## **Eco-friendly And Efficient Sustainable Charging Solution**

The IQ720 Charger utilizes a recyclable aluminum casing and internal electronic components, meeting both environmental standards and reducing environmental pollution. This design not only shows our steadfast commitment to sustainable development but also contributes positively to environmental protection. As an efficient charger, the IQ720 Charger effectively saves energy consumption and reduces carbon emissions. Its high-efficiency design leads to increased energy utilization and reduces unnecessary energy waste. In the pursuit of green energy today, the IQ720 Charger offers users a reliable and environmentally-friendly charging solution.