

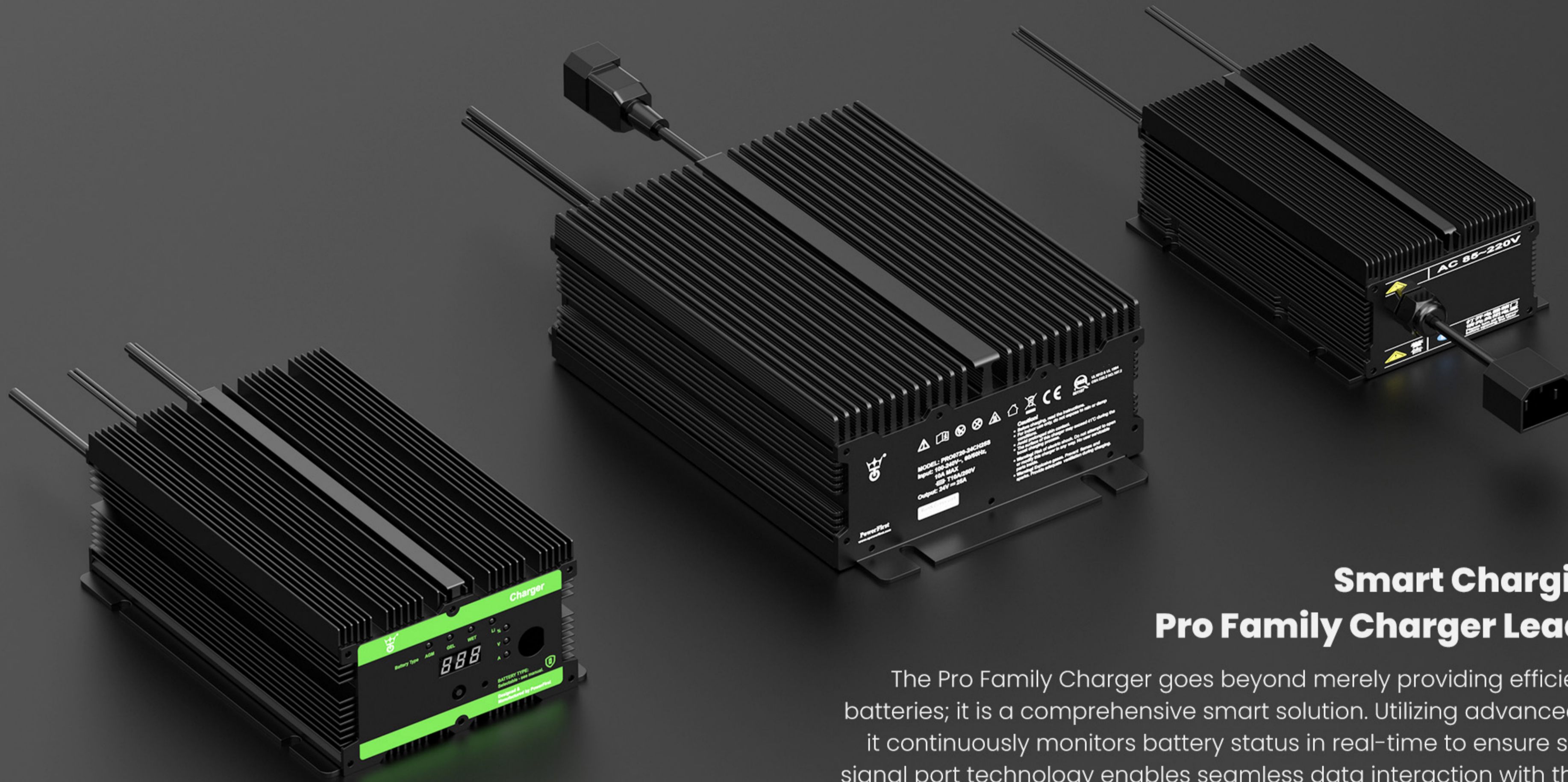
Pro Family Charger



Minimal Elegance

Adhering to the minimalist design philosophy, the Pro Family Charger boast a refined and simple exterior, with heat dissipation fins arranged in a uniform and orderly fashion, resembling a treasure chest ready to unleash infinite power. The even arrangement of the heat dissipation fins not only enhances the device's cooling efficiency but also ensures a modern aesthetic for the overall appearance. This design not only prioritizes visual appeal but also facilitates production. Using the same mold, adjusting the cut length allows for compatibility with various power levels, meeting the highly customized demands of the industrial sector.





Smart Charging Experience, Pro Family Charger Leading the Future

The Pro Family Charger goes beyond merely providing efficient charging for various batteries; it is a comprehensive smart solution. Utilizing advanced detection technology, it continuously monitors battery status in real-time to ensure safe charging. Its unique signal port technology enables seamless data interaction with the client's end products.

To facilitate customer analysis of worker charging behavior, we offer communication interfaces for downloading charging data. Additionally, we open data ports, allowing clients to customize charging instructions based on their specific needs. Moreover, our in-house developed communication interface application software, compatible with Windows OS, allows for in-depth analysis of end-user charging habits on a computer. It provides a profound understanding of battery health trends, enabling personalized charging curve matching.



The Safe Choice Providing Users with Smart Charging

The Pro Family Charger prioritizes user safety with exceptional protective measures. Firstly, it features an IP66 protection-rated casing, ensuring water, dust, and shock resistance for reliable usage in harsh environments. To further enhance safety for both workers and the charger, we have incorporated a specialized 380V high-voltage protection mechanism, preventing accidental insertion into 380V power outlets and adding an extra layer of safety to the work environment. The circuit design of the Pro Family Charger is meticulously fortified with multiple protection features, including reverse connection protection, short-circuit protection, surge protection, anti-ignition, over-temperature protection, over-voltage protection for the charger, over-voltage/under-voltage protection for the battery, over-current protection for the charger, and current limiting for battery charging. These comprehensive safety measures ensure all-around protection for user devices and batteries.

380V

high-voltage protection

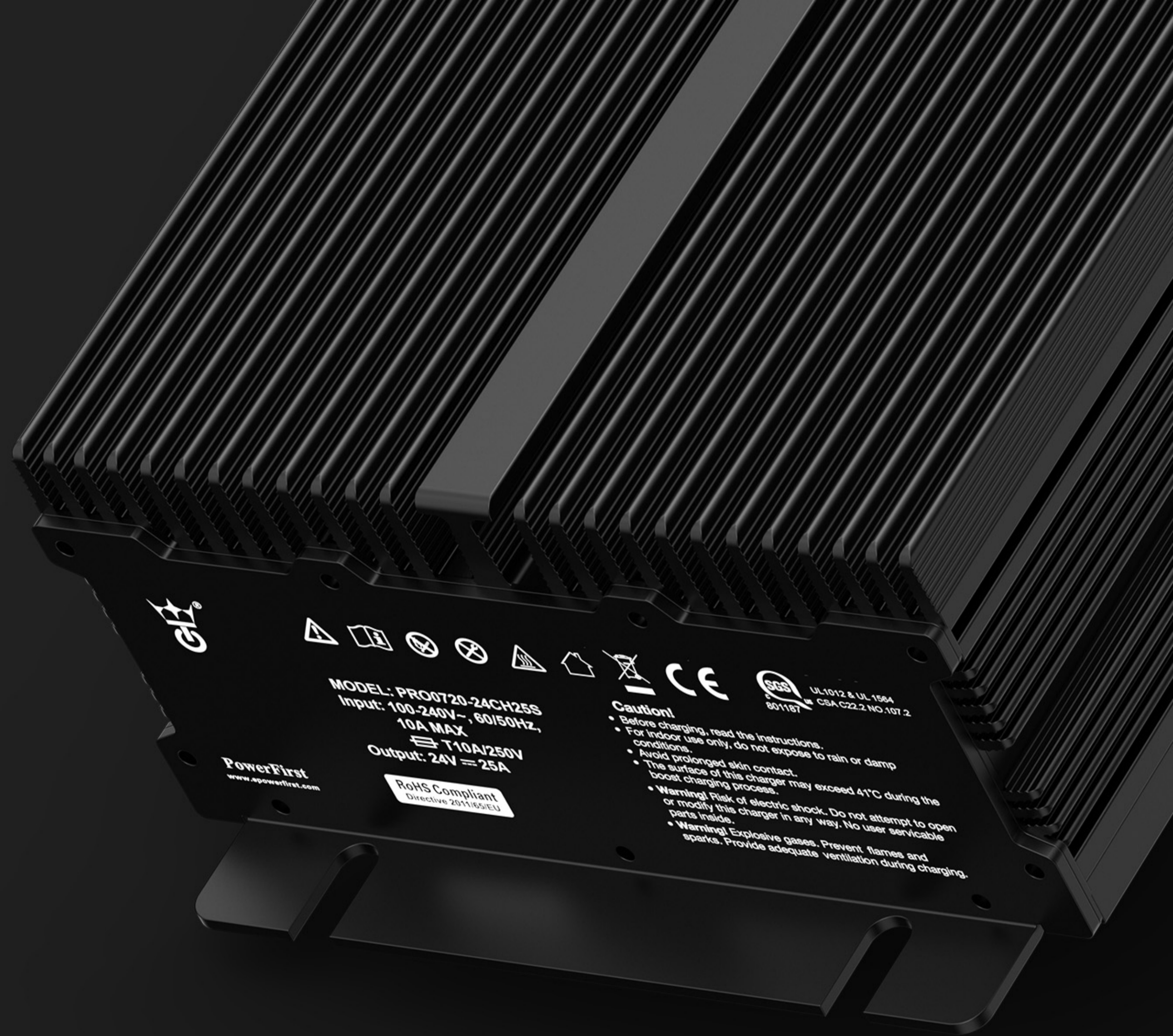
IP66

protection-rated casing

Optimized Internal Structure for Energy Efficiency and Peace of Mind

The arrangement of heat dissipation fins in the Pro Family Charger is carefully designed to balance aesthetics and heat dissipation performance, introducing innovative design to the industrial sector. Utilizing high-quality imported capacitors for filtering ensures voltage resistance, guaranteeing stable current flow. With a 3C certified all-copper core, this charger is robust and durable, capable of bending up to 100,000 times. Achieving an impressive conversion rate of up to 97%, the Pro Family Charger can save 0.1 kWh with just one hour of average charging, contributing significantly to energy efficiency. Pro series is not only a representative of efficient charging but also a culmination of craftsmanship, providing an outstanding experience for your devices.

- **3C&UL** certified all-copper
- Capable of bending up to **100,000** times
- Conversion rate of up to **97%**
- Can save **0.1** kWh
-



GLI

PowerFirst
www.apowerfirst.com

MODEL: PRO0720-24CH25S
Input: 100-240V~, 60/50HZ,
10A MAX
T10A/250V
Output: 24V = 25A

RoHS Compliant
Directive 2011/65/EU

UL1012 & UL1564
CSA-C22.2 NO.107.2
801187

Caution!

- Before charging, read the instructions.
- For indoor use only, do not expose to rain or damp conditions.
- Avoid prolonged skin contact.
- The surface of this charger may exceed 41°C during the boost charging process.
- **Warning!** Risk of electric shock. Do not attempt to open or modify this charger in any way. No user servicable
- **Warning!** Explosive gases. Prevent flames and sparks. Provide adequate ventilation during charging.

Exceptional Quality, Shaping a Sustainable Future

The Pro Family Charger features an all-aluminum alloy casing, providing not only characteristics of high-temperature resistance, flame retardance, shock resistance, and wear resistance but also exceptional durability, extending the product's lifespan. Moreover, this design aligns with CEC energy efficiency standards, promoting both efficient charging and a reduction in environmental pollution. The Pro series not only delivers robust protection for your devices but also champions an eco-friendly and efficient approach, leading the way for the future of chargers.



Wear
resistance



Flame
retardance



Shock
resistance



High-temperature
resistance

