



PF2408X

Intelligent design for charging AGM, GEL, Flooded lead acid batteries and various Lithium batteries, and widely used for electric wheelchairs, mobilities, scooters, e-bikes, medical equipments, etc.. PF2408X charger meets the ISO 7176-21:2009 standard. AC/DC cable is completely customizable.

Main applications:



- High Reliability: Engineered using design for reliability. Validated for long service life in harsh operating conditions. Tested to perform reliably and durably in automotive applications. Manufactured in a world class facility specializing in high reliability solutions.
- Premium charging Quality: Charge profiles to precisely charge AGM, GEL, Flooded and Li-ion batteries. Developed in PowerFirst's battery lab to balance charge time, battery life and application requirements.
- Charging profile setting: Dip-switches are used for setting of 16 charging profiles
- Global + Efficient: Capable of operating reliably on any single-phase grid worldwide. High-efficiency performance for electricity savings and shorter charge times. Active cooling enables optimal peak performance.

PF2408X
Charger Specifications

Table with 2 columns: Specification, Value. Rows include DC Output (24 VDC), Maximum DC output voltage (33.6 V), Maximum DC output current (8 A), Maximum DC output power (240 W), Deep discharge recovery (10 V), Maximum C3 interlock current (5 A), Battery type (Lead acid), Reverse polarity (Electronic protection), and Short circuit (Electronic current limit).

Table with 2 columns: Specification, Value. Rows include AC Input (Nominal AC input voltage: 100-240 VAC, Nominal AC input frequency: 50 / 60 Hz, Maximum AC input current: 2.6 A, Nominal AC input current: 2.4 A @ 120 VAC, 1.1 A @ 230 VAC, Power factor: >0.99 @ 120 VAC, >0.98 @ 230 VAC).

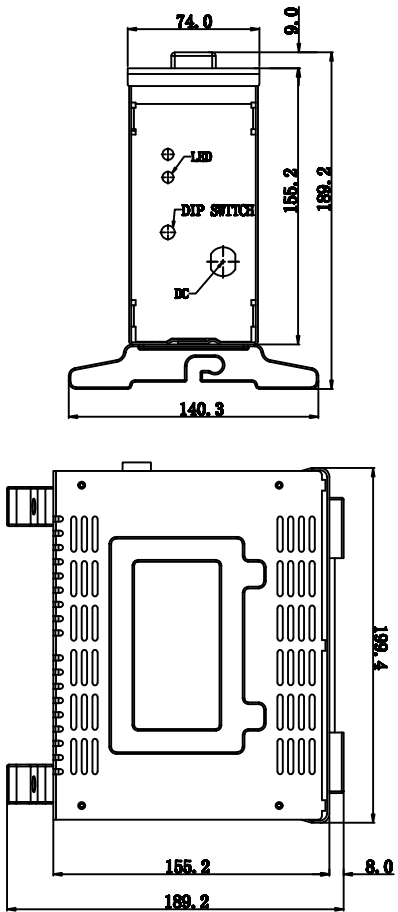
Table with 2 columns: Specification, Value. Rows include Regulatory (Efficiency: 88% at full load, 120 VAC, 24 VDC | 92% at full load, 230 VAC, 24 VDC, Safety (LVD), Emissions (EMC), Immunity (EMC)).

Table with 2 columns: Specification, Value. Rows include Mechanical (Dimensions: L199.4 x W140.3 x H189.2 mm, Weight: 2.0 kg, AC input connector: IEC320 / C14, DC output connector: Customizable, inhibit function: ON / DC, Cooling: Active cooling with fan).

Table with 2 columns: Specification, Value. Rows include Environmental (Enclosure: IP21, Operating temperature: -20°C to +45°C, Storage temperature: -40°C to +60°C).



- Highlighted Features: User friendly LED indicators for AC source, battery status, charging, error. Auto-recharge for low voltage in maintenance mode. OEM customizable & field replaceable AC/DC cabling. Additional portable handle available. With ISO 7176-21:2009 certificate



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