

29.2V 2A Lead Acid Battery Charger for 24VSLA / AGM / GEL Batteries

Technical Datasheet

Phonix Charger – Industrial Battery Charger Manufacturer

<https://phonixcharger.com>

Product Overview

This technical datasheet describes the 29.2V 2A lead-acid battery charger designed for charging 24Vsealed lead acid batteries including SLA, AGM, GEL, VRLA and WET lead-acid batteries. The charger uses a multi-stage charging process (Pre-charge, Constant Current, Constant Voltage and Automatic Cut-off) to ensure safe, stable and efficient battery charging.

Key Features

- Multi-stage charging: Pre-charge, CC, CV and automatic cut-off
- Compatible with SLA, AGM, GEL, VRLA and wet lead-acid batteries
- Wide AC input range 100-240V
- LED charging status indicator
- Multiple protections: OVP, OCP, short circuit and reverse protection
- High efficiency design $\geq 86\%$
- Industrial compact design
- OEM / ODM customization available

Technical Specifications

Parameter	Specification
Brand	Phonix
Model	FX2922000
AC Input	100~240V, 50/60Hz
Input Voltage Range	90~264V
Rated Input Current	0.65A
Max Input Power	68W
DC Output Voltage	DC 29.2V
Output Voltage Range	DC 24V ~ 29.2V
Charging Current	2A \pm 10%
Charging Voltage	29.2V \pm 0.2V
Pre-charge Current	0.2A (\leq 21.6V battery)
Charge End Current	\leq 0.4A \pm 10%
Output Max Power	58.4W
Battery Type	24VLead Acid (SLA / AGM / GEL / VRLA / WET)
Efficiency	\geq 86%
Ripple Voltage	\leq 240mV
Operating Temperature	-10°C ~ +40°C
Storage Temperature	-40°C ~ +70°C
Humidity	0 ~ 95% RH
Cooling	Natural cooling
Size	133*58*31mm
Weight	350 g
Safety Certifications	CE / UL / TUV / FCC / PSE / CCC
MTBF	30000 Hours

Typical Applications

- 24Vsealed lead acid battery charging
- Backup power systems
- Security and alarm systems
- Emergency lighting batteries
- Industrial electronic equipment

Manufacturer Information

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Product Page:

<https://phonixcharger.com/29-2v-2a-lead-acid-battery-charger-for-24v-battery-packs/>

Official Website: <https://phonixcharger.com>

