

Phoenix

12 Volt Battery Chargers



HIGH PERFORMANCE, MULTISTAGE CHARGING

The Phoenix multistage battery charger line is microprocessor controlled, delivering fast and accurate charging to lead acid batteries that would otherwise be considered dead. A wide AC input voltage range enables proper delivery of a full three-stage charge.

The Phoenix is not only an intelligent and economical charging system, but it can also increase the overall life of a battery (up to 50%) through its proprietary power management technology. So much more than a charger, the Phoenix also features a limited lifetime warranty.

Phoenix Features

- 10 amp or 3 amp DC output available
- Microprocessor-controlled, multistage charging, battery conditioning
- Easy battery connection with clamp leads
- Temperature compensation
- Charges Standard, Flooded, Sealed, Gel Cell, and AGM batteries
- Wide voltage range operation (90-245 VAC, 50/60 Hz)

Phoenix Protection

- Over-temperature shutdown and overload protection
- Ignition-protected for installation in gas engine compartments
- Transformer isolated for safety
- Reverse-polarity protection
- Short-circuit and surge protection

Deccan Technologies 2113 109th Street, Grand Prairie, Texas 75050 • 972.660.4096

www.phoenixchargers.com



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Multistage Battery Chargers

Electrical Specifications	10 AMP	3 AMP
Output current	10 A @ 14.8VDC nominal	3 A @ 14.8VDC nominal
Nominal output voltage		
- Charge	14.4 - 14.8VDC	14.4 - 14.8VDC
- Float	13.6 VDC	13.6 VDC
DC output connections	Clamp leads	Clamp leads
AC input voltage	90 - 245VAC 50/60 Hz	90 - 245VAC 50/60 Hz
Temperature compensation	Internal	Internal
Charger efficiency	Approx. 85%	Approx. 85%
Recommended battery type	All lead acid battery types	All lead acid battery types
Recommended battery size	25 Ah to 1500 Ah	25 Ah to 1500 Ah

General Specifications		
Operating temperature	0°C to 70°C (-32°F to 158°F)	0°C to 70°C (-32°F to 158°F)
Storage temperature	-25°C to 70°C	-25°C to 70°C
Battery connection	Clamps, one positive, one negative	Clamps, one positive, one negative
Dimensions (H x W x L)	10" W x 4" D x 3" H	7" W x 4" D x 3" H
Weight (nominal)	3.1 lbs.	2.5 lbs.
Warranty	Limited lifetime	Limited lifetime
Part number	PH12V010	PHX12-3USA

Regulatory Approvals

Meets UL 1236 requirements

Additional Features

- 6' Grounded power cord
- Solid state battery conditioner
- Multi-step, intelligent charging
- Over temperature protection
- Anti-spark protection
- Short circuit protection
- Reverse polarity protection
- Replace battery indicator
- Continuously checks battery state
- Outdoor rated
- Meets vibration std. BS EN 60068-2-6
- DC output fuse protected

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