

FlexCharge Battery Chargers

FlexCharge chargers are a complete line of fully automatic, microprocessor-controlled SCR battery chargers that charge sealed, gel and flooded lead-acid batteries. The SCR (silicon-controlled rectifier) design and microprocessor controls prevents under and overcharging by tailoring the charging voltage and current. The fully automatic start/stop controls and maintained float mode ensures batteries are ready for use when you need them. The self-adapting universal AC supply (110/220 VAC and 50/60Hz) provides the flexibility to use one charger for domestic and international applications.

The FlexCharge chargers are available in standard DC output voltages (12V - 24V - 36V - 48V). Custom designs are available to meet special requirements. FlexCharge chargers follow in the long tradition of high-quality, reliable, trouble-free products that customers have come to expect from Arrgh!! Manufacturing. Our chargers are covered by a 3-year limited warranty.



Technical Specifications

- Charge sealed, gel and flooded lead-acid batteries
- Universal AC Supply: Single phase, self adapting 110/220 VAC, 50/60Hz
- DC Output: 12V, 24V, 36V, 48V
- SCR design for efficient and optimized charging cycle
- 3-stage, "IEI" charge profile to maximize battery life
- Fully automatic, microprocessor-controlled for optimal charge
- Automatic start/stop to increase battery life and productivity
- LED indicators for easy charge status interpretation
- Designed to meet UL/CUL standards
- Dimensions (WxDxH): 7"x10"x7"

Microprocessor Control Features

- Monitors and tailors charging voltage and current from start to finish providing optimized charge cycle
- Automatic start/stop charge cycle controls and maintained float mode ensures batteries ready for use
- LED indicators indicate charging, 80% charged, charge complete, and fault condition for easy interpretation
- Automatic line frequency and voltage detection and switching for 50/60Hz and 110/220 VAC for proper operation in domestic and international markets
- AC interrupt protections will ensure charging resumes where left off in cycle
- Fault diagnostics provide automatic shutdown and fault display for easy troubleshooting