

For More Information www.battery-chargers.com Or Call 1-800-899-VOLT (8658).

Schauer[®] Battery Chargers



Schauer[®]
BATTERY CHARGER

FULLY AUTOMATIC
CURRENT LIMITING CHARGER

CURRENT LIMIT ON

FLOAT MODE

Schauer
3210 Wasson Road
Cincinnati, Ohio 45209

Schauer is a trademark of the Brookwood Group Inc.

A Company History And Profile Of The Brookwood Group Inc.

As part of it's acquisition of the **Schauer** brand, **the Brookwood Group Inc.**, consolidated the merger of several companies in the battery charger, transformer, power supply and electronics business. Located in Cincinnati, Ohio the company's roots go back over one hundred years, with 2007 marking the company's 100-year anniversary.

In the early 1930's manufacturing concentrated on DC power supplies for independent telephone companies. Over time a variety of DC power supplies were developed as utilities phased out the distribution of DC services. Our power supplies have provided power to such resources as Western Union lines, the ITT international long lines and the tote board of the New York Stock exchange.

Always dedicated to innovation, in 1947 the company had the original patent on battery chargers using selenium rectifiers replacing glass envelope tubes. We also made copper oxide rectifiers and as technology progressed, manufactured rectifiers and other devices of silicon and germanium.

Over the years this dedication to innovation has lead to many new ideas and improvements to the battery charger category. We were the first to introduce improvements in switches, metering and rectifiers that are still in use today. We were also the first to develop automatic chargers and made the first practical high frequency switching chargers for lead acid batteries.

Our chargers and power supplies have found their way all around the world in such locations as; North Pole research stations; UN peace keeping missions in Africa and Asia; California telemetry units for water supply control; railroad crossings; subway powering logic control rooms and even in Japan for Japanese bass fishermen.

The **Schauer** line of battery chargers supports the following categories; automotive, commercial equipment, alternative energy, and mobile equipment electronic chargers. In supporting our dedication to quality all of our **Schauer** battery chargers come with a two-year limited warranty.



Schauer **Battery Chargers**

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Automotive Chargers Pages 2,3,9
for car, truck and motorcycle batteries.

Mobile Equipment Electronic Chargers .Pages 4-8
for intermittent load float charging.

Power Equipment AdaptersPages 10

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MODEL CM1A

Fully Automatic One
Amp Battery Charger

Schauer® Charge Master™

Automatic Battery Charger



- One amp fully automatic battery charger for 6/12 volt batteries.
- Indicator lights:
red - power on.
yellow - charging.
green - charged switched to float mode.
- Fully automatic, can be left on the battery indefinitely.
- Easily keeps batteries charged in stored vehicles.
- Ideal for cars, motorcycles, riding mowers, snowmobiles, etc.
- Overload protection.
- Charges, maintains, & conditions batteries.
- Reverse polarity protected. Requires minimum of 5 volts from battery to start charger.
- For any type lead acid battery, including conventional, maintenance free, deep cycle, gelled-type, valve regulated batteries.
- Molded plastic case plugs into outlet.
- Ten foot long AC & DC cordset includes quick change battery clips and ring terminals.
- UL/cUL/BC listed.

- Dimensions: 3.94"L x 2.56"W x 1.42"H.
- UPC #: 0 7894207516 5.
- Case lot of 20 weighs 29.8 lbs.

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MODEL CM6A, CM12A

Automatic Multi Stage
Smart Battery Charger

Model CM6A Shown

Schauer® Charge Master™

Automatic Battery Charger



Automatic multi stage smart battery chargers. For all vehicle & deep cycle 12 volt batteries. Microprocessor controlled high frequency switching mode.

Multi-Stage Charging:

Soft start, gentle ramp-up, then bulk charge, at a constant current rate, then absorption charge, at a constant voltage, then maintenance stage, float pulse charging prolongs battery life.

- Quick change cord-sets, battery clips or ring terminals.
- Selectable battery type: WET, GEL, AGM, Calcium Battery rejuvenation (desulfation) function.
- Ideal for winter battery maintaining.
- Heavy-duty cables.
- Protected for: short circuit; reverse polarity; and overload.
- Internal thermal overload protection.
- Battery thermal run away protection.
- Packaged in plastic clam shell with graphic usage icons.
- UL/cUL/BC listed.

• CM6A Dimensions: 7.44"L x 3.86"W x 2.01"H.

• CM12A Dimensions: 8.54"L x 4.06"W x 2.28"H.

CM6A	1/4/6 AMPS	12 VOLTS	Case lot of 20 weighs 47.3 lbs.	UPC #: 0 7894207517 2
CM12A	1/8/12 AMPS	12 VOLTS	Case lot of 12 weighs 36.2 lbs.	UPC #: 0 7894207518 9

Chargers available for other currents and voltages, contact factory.

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MODEL JAC0212, JAC0224, JAC0324, JAC0348, JAC0436, JAC0512, JAC0524, JAC0724, JAC1212

Fully Automatic Electronic Charger



Model JAC0524 Shown

Intelligent chargers follow battery impedance to end of charge cycle for all battery types. Fully automatic. Red LED indicates AC power on, yellow LED indicates battery is charging, green LED indicates float mode. Aluminum case.

- Charge control: modified constant current charge to a constant finishing voltage then to a float standby.
- Current limiting.
- Fully automatic 3 stage charger can be left on the battery indefinitely.
- For any type lead acid battery, including conventional, maintenance free, deep cycle, gelled-type, valve regulated batteries.



Model JAC0224 Shown
With 3 Pin XLR Plug

- Finishing voltage: 2.28 volts per cell float; 2.4 volts per cell finishing. May be preset to customers specification for battery type.
- Not intended for use as a DC power supply.
- Full load at 2.1 volts per cell continuous - 100% duty cycle.
- Short circuit proof.
- Reverse polarity protection (except 2 amp model).
- Battery clips, ring terminals or 3 pin xlr plugs available.



Battery Clips



Ring Terminals



3 Pin XLR Plug

JAC0212 ⁽¹⁾	2 AMPS	12 VOLTS	4.6" w x 2.3" h x 1.4" d	1.2 lbs.
JAC0512 ^(1,2,3)	5 AMPS	12 VOLTS	6.5" w x 3.5" h x 1.8" d	1.8 lbs.
JAC1212 ^(1,2,3)	12 AMPS	12 VOLTS	6.5" w x 3.5" h x 1.8" d	1.8 lbs.
JAC0224 ^(1,3)	2 AMPS	24 VOLTS	4.6" w x 2.3" h x 1.4" d	1.2 lbs.
JAC0324 ^(1,2,3)	3 AMPS	24 VOLTS	6.5" w x 3.5" h x 1.8" d	1.8 lbs.
JAC0524 ^(1,2,3)	5 AMPS	24 VOLTS	6.5" w x 3.5" h x 1.8" d	1.8 lbs.
JAC0724 ^(1,2,3)	7 AMPS	24 VOLTS	6.5" w x 3.5" h x 1.8" d	1.8 lbs.
JAC0436 ^(1,2,3)	4 AMPS	36 VOLTS	6.5" w x 3.5" h x 1.8" d	1.8 lbs.
JAC0348 ^(1,2,3)	3 AMPS	48 VOLTS	6.5" w x 3.5" h x 1.8" d	1.8 lbs.

(1.) DC cordsets 3' long: with battery clips. (2.) DC cordsets 3' long: with ring terminal eyelets (3.) DC cordsets 3' long: with XLR Plug, round, 3-pin

NOTE: Chargers available for other currents and voltages, contact factory.

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MODEL JAC2036H, JAC1742H, JAC1548H, JAC1372H, JAC4024H

Fully Automatic Multimode Electronic Charger



Model JAC2036H Shown

- Current limiting.
- Fully automatic 3 stage charger can be left on the battery in maintaining/float mode.
- Can be set for any type lead acid battery, including conventional, maintenance free, deep cycle, gelled-type, valve regulated batteries.
- Cyclic Voltage: Flooded 2.47 volts/cell; Gel & AGM 2.4 volts/cell. May be preset to customer's specification for battery type.
- Not intended for use as a DC power supply.
- Continuous - 100% duty cycle.
- Low voltage start: will start charging a deeply discharged battery with low terminal voltage.

Intelligent chargers follow battery impedance to end of charge cycle for all battery types. Fully automatic.

Red LED indicates AC power on, yellow LED indicates battery is charging, green LED indicates float mode.

- Charge control: constant current charge to a constant voltage, then to a float standby voltage.

- Reverse polarity and short circuit proof.
- Aluminum case.
- AC Input 115/230 volts, 50 or 60Hz Input voltage autosensed.

See inside back cover for power equipment adapters

JAC4024H	40 AMPS	24 VOLTS	8"w x 7.5"h x 6.5"d	13 lbs.
JAC2036H	20 AMPS	36 VOLTS	8"w x 7.5"h x 6.5"d	13 lbs.
JAC1742H	17 AMPS	42 VOLTS	8"w x 7.5"h x 6.5"d	13 lbs.
JAC1548H	15 AMPS	48 VOLTS	8"w x 7.5"h x 6.5"d	13 lbs.
JAC1372	13 AMPS	72 VOLTS	8"w x 7.5"h x 6.5"d	13 lbs.

NOTE: Specify DC connector with order.

NOTE: Chargers available for other currents and voltages, contact factory.

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MODEL JAC0336MAN, JAC0348MAN

Fully Automatic 36 or 48 volt
Battery Maintainer



Model JAC0336MAN Shown

- Extend the life of your batteries with this battery maintainer. Prevents battery sulfation during equipment storage.
- Maintainer for 36-volt or 48-volt battery systems. Use on 10 to 300-amp hour lead acid batteries, typical of golf carts, industrial scrubbers, etc.
- Current limiting.
- Fully automatic maintainer can be left on the battery in maintaining/float mode.
- Red LED indicates AC power on. Yellow maintaining at 2.5 amp. Green maintaining at 1 amp or less.
- Can be used for any type lead acid battery, including conventional, maintenance free, deep cycle, gelled-type, valve regulated batteries.
- Reverse polarity and short circuit proof.
- AC cordset length, 6 feet. DC cordset length, 4 feet with battery clips.
- Aluminum case.

JAC0336MAN	2.5 AMPS	36 VOLTS	6.5"W x 3.5"H x 1.8"D	1.8 lbs.
JAC0348MAN	2.5 AMPS	48 VOLTS	6.5"W x 3.5"H x 1.8"D	1.8 lbs.

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MODEL JAC2512, JAC2024H, JAC3024

Fully Automatic Multimode Electronic Charger

Intelligent chargers follow battery impedance to end of charge cycle for all battery types. Fully automatic.

Red LED indicates AC power on, yellow LED indicates battery is charging, green LED indicates float mode.

- Charge control: constant current charge to a constant voltage, then to a float standby voltage.
- Current limiting.
- Fully automatic 3 stage charger can be left on the battery in maintaining/float mode.
- Can be set for any type lead acid battery, including conventional, maintenance free, deep cycle, gelled-type, valve regulated batteries.
- Cyclic Voltage: Flooded 2.47 volts/cell; Gel & AGM 2.4 volts/cell. May be preset to customer's specification for battery type.
- Continuous - 100% duty cycle.
- Low voltage start: will start a deeply discharged battery with low terminal voltage.
- Reverse polarity and short circuit proof.
- Aluminum case.
- Not intended for use as a DC power supply.
- AC Input 115/230 volts, 50 or 60Hz Input voltage selection by switch.

See inside back cover for power equipment adapters



Model JAC2024H Shown

AC Input Current:

JAC2512	12 AMPS @ 120 VOLTS
JAC2024H	11 AMPS @ 115 VOLTS
JAC3024	14 AMPS @ 120 VOLTS

JAC2512	25 AMPS	12 VOLTS	10"w x 7.5"h x 3"d
JAC2024H	20 AMPS	24 VOLTS	10"w x 7.5"h x 3"d
JAC3024	30 AMPS	24 VOLTS	16"w x 7.5"h x 3"d

*Special order, high current models require separate branch AC circuit. NOTE: Specify DC connector with order.

NOTE: Chargers available for other currents and voltages, contact factory.

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MODEL JAC2512, JAC2024H

Airplane Ground Power Supply & Automatic Charger With Connectors For Cessna Or Piper

- Portable power supply for operating avionics on the ground without draining the battery (not meant for engine starting)
- Charge control: constant current charge to a constant voltage, then to a float standby.
- Current limiting.
- Fully automatic, 3 stage charger can be left on the battery in maintaining/float mode.
- Gel/AGM selection for airplane battery types.
- Low voltage start: will start charging a deeply discharged battery with low terminal voltage.
- Short circuit proof.
- Aluminum case.
- Red LED indicates AC power On, yellow LED power output/charging, green LED charged/Float.



Model JAC2024H Shown



Cessna (Aircraft)



Piper (Aircraft)



Battery Clips

Available DC Connectors

JAC2512	25 AMPS	12 VOLTS	10" w x 7.5" h x 3" d	6.5 lbs.
JAC2024H	20 AMPS	24 VOLTS	10" w x 7.5" h x 3" d	6.5 lbs.

NOTE: Specify DC connector with order. NOTE: Extended battery charging adapter available, contact Schauer.

NOTE: Chargers available for other currents and voltages, contact factory.

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MODEL OB1

**1.5 Amp On-Board
Fully Automatic**



- Easily keeps batteries charged in stored vehicles. Turns off automatically when battery voltage exceeds 14.0 and back on when voltage drops below 13.0.
- Mounts on battery box. Hardware included.
- Indicator lights, yellow - charging, green - full.
- Fully automatic, can be left on the battery indefinitely.
- Reverse polarity protected. Requires minimum of 5 volts from battery to start charger.
- For any type lead acid battery, including conventional, maintenance free, deep cycle, gelled-type, valve regulated batteries.
- Weatherproof molded plastic case won't rust.
- Ring terminals (3/8" hole) on 18" leads for direct battery connection.
- Convenient 6" grounded AC cordset for connection to AC extension cord.
- Dimensions: 4.75"w x 3"h x 1.25"d.
- Case lot of 20 weighs 19 lbs.

MODEL A8412

**Low Resistance
Cigar Lighter Plug**



Metal plug for charging batteries through cigar lighter receptacle (max 10 amp rate). Replacement for charger's alligator clips. Metal plug has adjustable ears for making low resistance contact with receptacle. Useful for higher current applications that cause plastic plugs to overheat. Use as 12 volt DC input connector for spotlights, compressors, radios, telephones, etc. in vehicles.

Use as low voltage DC connector with auxiliary equipment in non-automotive applications. Case lot of 12 weighs 1.6 lbs.

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POWER EQUIPMENT ADAPTERS

Charging Connector Plugs For Golf,
Industrial & Commercial Usage



EZGO 36 volt
Powerwise TXT



EZGO 48 volt RXV



EZGO 48 volt TXT
(w/notch)



Club Car 48 volt



Yamaha 48 volt G19
G22 (2 pin)



Yamaha 48 volt
Drive G29



Crowsfoot



Anderson SB50 Red



Star Car 36 volt



Star Car 48 volt



Battery Clips



Ring terminals 5/16"



Cessna (Aircraft)



Piper (Aircraft)



Anderson SB175 Gray



Anderson SB175 Red

The Brookwood Group Inc. Can Solve Your Battery Charger Needs With A Wide Variety Of Schauer Battery Chargers.

- **Automotive Chargers**

Battery chargers for automotive, truck, motorcycle type batteries.

- **Mobile Equipment Electronic Chargers**

High frequency switching electronic automatic battery chargers / commercial, industrial service.

Suitable for intermittent load float charging - that is battery systems connected to a current load occurring at irregular intervals, not continuous or steady.

- **Power Equipment Adapters**

Charging connector plugs for golf, industrial & commercial usage.

- **All Schauer Battery Chargers Come With A Two Year Limited Warranty.**

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