

ASSOCIATED

**Safe
In Any
Weather**



Pg. 7



Pg. 9



Pg. 11



Pg. 3



Pg. 7



Pg. 16



Pg. 17



Pg. 15



Pg. 18

Welcome to the latest Associated Catalog!

New Product Highlights Include:

- Higher Output and Crank Assist on the following fast battery chargers:
 - 6001 A (page 3)
 - 6002 B (page 3)
 - 6006 (page 4)
- New powerful 40 Amp and 30 Amp Portable Chargers
 - 6015A (page 5)
 - 9430 (page 8)
- Complete Range of Portable Manual & Automatic Chargers – (pages 8 and 9)
- New and Improved Selection of Portable Jump-Starting Equipment – (page 11)
- Expanded Assortment of Electronic and Hand-Held Load Testers – (page 16)

Technical Service at www.associatedequip.com

- Extensive range of Authorized Repair Stations through-out the United States, Canada and Puerto Rico
(Access our full list online at www.associatedequip.com)
- On-line Support:
 - Updated technical data and specifications
 - Downloadable high-resolution images
 - Wiring Diagrams
 - Product Manuals
 - Parts Lists

Table of Contents

Pg 1	Cover Page
Pg 2	Introduction and Table of Contents
Pg 3	Heavy Duty Commercial Chargers
Pg 4	Heavy Duty Fast Chargers
Pg 5	Professional Fast Chargers
Pg 6	Fast Chargers
Pg 7	New Technology Charger/Analyzer
Pg 8	Portable Manual Battery Chargers
Pg 9	Portable Automatic Battery Chargers
Pg 10	Starting Systems and Specialty Chargers
Pg 11	Portable Starting Systems
Pg 12	Multi-Battery Chargers
Pg 13	Multi-Battery Chargers
Pg 14	Specialty Testers
Pg 15	Starter Circuit Testers
Pg 16	Hand Held Load Testers
Pg 17	Digital Battery Load Testers
Pg 18	Cables and Clamps
Pg 19	Starting System Cables
Pg 20	Battery and Electrical Systems Testers

UNIQUE SAFETY & QUALITY FEATURES

STOP/GO LIGHT (PATENTED)

Polarity protection system prevents damage to the vehicle's electrics and protects operators too. Red light warns that first connection is wrong. Green light indicates correct polarity.



SAFETY CLAMPS

Covered with vinyl insulation – they will not arc or spark if they touch each other or car parts. "FLEX – SPRING" cable guards relieve cable stress, extending cable life.



MULTI- DIODE RECTIFIER (PATENTED)

Spare diodes are built in, to take over automatically in all cases of failure. No down time or expensive repairs.



VACUUM IMPREGNATED TRANSFORMERS

To meet UL/CSA Outdoor Standards; minimizes transformer vibration to extend product life and reduce noise.



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FEATURES

- Five year limited warranty
- Automatic reset AC and DC circuit breakers
- UL and CSA listed for indoor and outdoor use
- 500 amp, fully insulated, "Flexi-Spring" clamps
- Automatic timer
- Patented "Stop/Go" light
- Heavy-duty chrome plated handle
- Rugged 7 inch tires
- Made in USA



USA



6001 A

INCREASED STARTING and CHARGING POWER

Model 6001 A 6/12 VOLT

The highest performance fast charger on the market. Designed to meet the needs of the most demanding professional with 16 rates of charge and 75 Amp continuous charge with 375 Amps Crank Assist at 12 Volts. **25% more engine start than previous model.** UL and CSA listed for indoor and outdoor use. "SAFE IN ANY WEATHER".

USA

INCREASED STARTING and CHARGING POWER

6002 B

Model 6002 B 6/12/18/24 VOLT

The highest performance fleet charger on the market has 80 Amps continuous charge with 400 Amp crank assist at 12 Volts. **33% more engine start than previous model.** Heavy Duty Vacuum Impregnated Transformer, patented "Sub-Sil" multi-diode rectifiers, longer AC cord and DC leads are standard features for higher performance. UL and CSA listed for indoor and outdoor use, "SAFE IN ANY WEATHER".

Charger Specifications

MODEL NUMBER	UL CONTINUOUS RATING	MFGS. BOOST RATING	UL CRANKING ASSIST RATING	A.C. CORD	D.C. LEADS	CLAMP RATING	TRANSFORMER/RECTIFIER LIMITED WARRANTY	SHIPPING DIMENSIONS (HxWxD)	WEIGHT
6001 A	100/75 A	625 A	375 A	10' 14-3	8' 4 AWG	500 A	5 Years	26''x16''x14''	58 lbs
6002 B	100/80 A	725 A	400 A	10' 14-3	8' 4 AWG	500 A	5 Years	26''x16''x14''	70 lbs

FEATURES

- Five year limited warranty
- Automatic 90-minute timer with "Hold"
- UL, cUL, and/or CSA listed for indoor and outdoor use
- AC and DC circuit overload protection
- Patented "Stop/Go" light
- Heavy-duty chrome plated handle
- Fan cooled
- Made in USA



USA

6010 A

MODEL 6010A 6/12 VOLT

Portable and powerful. This fast charger has similar features to Model 6009 with the added convenience of portability. Charges all standard and maintenance-free batteries with four charging positions.



6006



USA

Model 6006 6/12/24 VOLT

Fleet charging power with a cranking assist rating higher than any other charger in its classification. Increased starting power. This heavy-duty fleet charger rejuvenates all standard and maintenance-free, 6, 12, and 24 Volt batteries with five charging positions. **10% more starting power than previous model.**



6009

USA

Model 6009 6/12 VOLT

A charger with the highest performance crank assist of any 60 Amp charger on the market. Increased starting power. Listed for indoor and outdoor use by both UL and cUL, "SAFE FOR ANY WEATHER". This fast starter has more features and higher rating for the price than any competitive charger in its class.

Charger Specifications

MODEL NUMBER	UL CONTINUOUS RATING	MFGS. BOOST RATING	UL CRANKING ASSIST RATING	A.C. CORD	D.C. LEADS	CLAMP RATING	TRANSFORMER/RECTIFIER LIMITED WARRANTY	SHIPPING DIMENSIONS (HXWXD)	WEIGHT
6006	70/65/30 A	600 A	280 A	6-1/2' 16-3	7' 4 AWG	500 A	5 Years	23"x19"x16"	53 lbs
6009	70/60/2 A	540 A	265 A	6-1/2' 16-3	7' 4 AWG	500 A	5 Years	23"x19"x16"	48 lbs
6010 A	70/60 A	420 A	230 A	6-1/2' 16-3	7' 4 AWG	500 A	5 Years	13"x16"x14"	38 lbs

FEATURES

- 6/12 Volt
- UL, cUL listed for indoor and outdoor use
- Fan cooled
- Extended limited warranty
- Heavy-duty chrome plated handle



6015 A



Model 6015 A 6/12 VOLT

Whether you are dealing with a motorcycle or a large truck battery, this four-in-one battery charger can do the job. This portable charger has four charger rates and will charge 6 and 12 Volt batteries. UL and cUL Listed for Indoor Use



6012

Model 6012 6/12 VOLT

UL and cUL tested safe for indoor and outdoor use. "SAFE FOR ANY WEATHER". This charger has a high cranking assist of 250 Amps to better start vehicle and offers a UL continuous rating of 70/60/30 Amps for peak performance. Features a timer and 400 Amp fully insulated clamps on twin extrude DC leads, for tangle-free operation. Made in USA.

6021



Model 6021 6/12 VOLT w/ Load Tester

- 50/50/5 Amp
- 200 Amp Cranking Assist
- UL and cUL listed for indoor and outdoor use
- Built-in 125 Amp fixed load tester
- Dual meters for enhanced operational knowledge
- Fan cooled
- Extended limited warranty
- Heavy duty chrome hop handle
- Made in USA

Charger Specifications

MODEL NUMBER	UL CONTINUOUS RATING	MEGS. BOOST RATING	UL CRANKING ASSIST RATING	A.C. CORD	D.C. LEADS	CLAMP RATING	LIMITED WARRANTY	SHIPPING DIMENSIONS (HxWxD)	WEIGHT
6015 A	40/10 A	300 A	200 A	6' 18-3	6' 6 AWG	200A	1 Year	9.5"X13"X11"	31 lbs
6012	70/60/30 A	500 A	250 A	6' 16-3	6.5' 6.5 AWG	400 A	5 Years	23"X19"X16"	48 lbs
6021	50/5 A	400 A	200 A	6' 16-3	6.5' 4 AWG	500 A	5 Years	23"X19"X16"	45 lbs



Model 6017 12 VOLT

- 40 Amp continuous rating at 12 Volts
- 200 Amp cranking assist
- CSA and CSA US listed for indoor and outdoor use
- Convection cooled, fewer moving parts
- Extended limited warranty
- Heavy duty chrome hoop handle
- Made in USA

Model 6018 6/12 VOLT

The newest value leader, an upgraded 40 Amp charger appeals to the small shop and the do-it-yourself user. It is UL listed and packs a 200 Amp crank assist. Manufacturer's boost rating 350 Amps. Safety, quality and value in our most competitively priced wheeled charger.



Model 6019 6/12 VOLT

- 40/20/10 Amp CSA Continuous Charge Rate
- 200 Amp Cranking Assist
- CSA and CSA US listed for indoor and outdoor use
- Automatic 90 minute timer with "Hold"
- Convection cooled, fewer moving parts
- Extended limited 5 year warranty
- Heavy duty chrome hoop handle
- Made in USA

Charger Specifications

MODEL NUMBER	VOLTAGE	TYPE	UL OR CSA CONTINUOUS RATING	MANUFACTURER'S BOOST RATING	UL CRANKING ASSIST RATING	CLAMP RATING	TRANSFORMER RECTIFIER LIMITED WARRANTY	SHIPPING DIMENSION (HXWXD)	WEIGHT
6017	12 V	Manual	40 A	350 A	200 A	200 A	3 years	23"x19"x16"	35 lbs
6018	6/12 V	Manual	40/20/5	350 A	200 A	400 A	3 years	20"x13"x11"	38 lbs
6019	6/12 V	Manual	40/10 A	350 A	200 A	200 A	5 years	23"x19"x16"	37 lbs

FEATURES

MODEL 6003 12 VOLT

- Micro-processor controlled and fully automatic
- Voltage controlled charging
- Suitable for flooded or sealed batteries • UL listed for indoor and outdoor use
- LCD Display showing voltage, charging rate, type of battery (sealed or flooded) and the condition of the battery being charged (see insert at right)
- Reverse polarity protected
- Anti-sparking protection
- Weak battery detection and rejuvenation program
- Switch for selecting battery type
- Switch for manual start of batteries below limit
- Patented

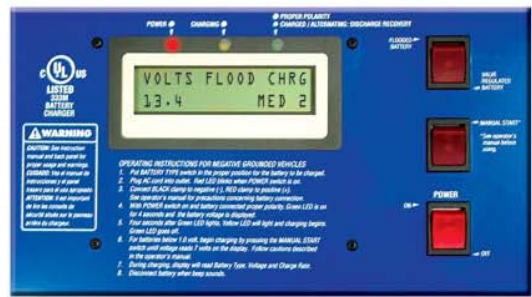
MODEL 6007 12 VOLT

- Micro-processor controlled and fully automatic
- Economy version of Model 6003
- Voltage controlled charging
- Suitable for flooded or sealed batteries
- UL and cUL listed for Indoor and Outdoor use
- Large LEDs, coupled with ammeter, indicate charger operation
- Reverse polarity protected
- Weak battery detection and rejuvenation program
- Patented

MODELS 9410/9420

- Micro-processor controlled and fully automatic
- Analyzes battery condition and automatically selects proper charging technique
- Voltage controlled charging
- Suitable for flooded and sealed batteries including Gel and AGM
- Utilizes three color LEDs to monitor charging status
- Program for deep discharge recovery of flooded batteries
- Capable of charging both small and large batteries
- Switch for selecting battery type
- Maintains battery charge, can be left connected to battery
- Models 9520 and 9510 available in 230VAC, 50/60 Hz
- Patented

6003



Model 6003 top panel

6007



9410

USA



9420

USA

Charger Specifications

MODEL NUMBER	UL or CSA CONTINUOUS RATING	VOLTAGE	UL CRANKING ASSIST RATING	A.C. CORD	D.C. LEADS	CLAMP RATING	TRANSFORMER/RECTIFIER LIMITED WARRANTY	SHIPPING DIMENSIONS (HXWXD)	WEIGHT
6003	70 A	12 V	250 A	6' 14-3	7' 4 AWG	500 A	5 Years	26" x 17" x 14"	54 lbs
6007	40 A	12 V	NA	6' 16-3	6' 6.5 AWG	400 A	5 Years	23" x 19" x 16"	47 lbs
9410	10 A	12 V	NA	6' 18-3	6' 16 AWG	50 A	1 Year	10" x 9" x 9"	11 lbs
9420	20 A	12 V	NA	6' 18-3	6' 10 AWG	300 A	1 Year	14" x 12" x 12"	21 lbs



9001

Model 9001 1 AMP, 6/12 VOLT Manual Small Charger

- For motorcycles, lawn and garden, and other recreational vehicles
- For applications where charging must be below 3 Amps
- For warming batteries in cold climate



9006

Model 9006 6/2 AMP, 6/12 VOLT Manual Economy Charger

- From 4 to 6 times the power of 9001 or 9002, but capable of charging small batteries
- Great value for its performance



9010

Model 9010 10/2 AMP, 6/12 VOLT Manual Full-Rate Charger

- Ideal for charging average battery in 3 to 5 hours
- 66% more power than Model 9006
- Safely charges small batteries on 2 Amp setting



9050

Model 9050 10/2/55 AMP, 6/12 VOLT Manual Charger with Engine Starter

- Ideal for charging average battery in 3 to 5 hours
- 66% more power than Model 9006
- Safely charges small batteries on 2 Amp setting
- 55 Amp rated engine start



9430

Model 9430 30/2/150 AMP, 6/12 VOLT Manual Charger with Engine Starter

- This portable manual charger has 4 charge rates to charge all 6 and 12 Volt batteries
- 150 Amp Cranking Assist
- 30 Amp fast charging option for both 6 and 12 Volt batteries
- On/Off switch configuration enhances safety of operation
- Trickle Charge setting for both 6 Volt and 12 Volt batteries



Charger Specifications

MODEL NUMBER	VOLTAGE	TYPE	UL or CSA CONTINUOUS RATING	UL or CSA ASSIST RATING	CLAMP RATING	LIMITED WARRANTY	MASTER CARTON	MASTER CARTON SIZE (HxWxD)	MASTER CARTON WEIGHT
9001	6 V/12 V	Manual	1 A/1 A	NA	50 A	2 Years	4	15.5"x7"x5"	10 lbs
9002	12 V	Automatic	1.5 A	NA	50 A	2 Years	2	7"x4"x6"	4 lbs
9003	6 V/12 V	Automatic	0.9 A	NA	50 A	2 Years	24	22.25"x14"x17"	56 lbs
9004	12 V	Automatic	0.8/2.0 A	NA	50 A	2 Years	12	22.75"x16"x17"	57 lbs
9006	6 V/12 V	Manual	6 A/6/2 A	NA	75 A	2 Years	4	20"x10.5"x11"	39 lbs
9010	6 V/12 V	Manual	10 A/10/2 A	NA	75 A	2 Years	4	20"x10.5"x11"	48 lbs
9014	6 V/12 V	Automatic	10 A/10/2 A	55 A	75 A	2 Years	4	20"x10.5"x11"	48 lbs
9050	6 V/12 V	Manual	10 A/10/2 A	55 A	75 A	2 Years	4	20"x10.5"x11"	48 lbs
9060	6 V/12 V	Automatic	10 A/10/2 A	55 A	75 A	2 Years	4	20"x10.5"x11"	48 lbs
9070	6 V/12 V	Automatic	12 A/10/2 A	70 A	75 A	2 Years	4	20"x10.5"x11"	52 lbs
9090	6 V/12 V	Automatic	12 A/12/2 A	100 A	75 A	2 Years	4	20"x10.5"x11"	56 lbs
9430	6 V/12 V	Manual	30/2 A 30/6 A	150 A	200 A	1 Year	1	9.5"x13"x11"	29 lbs



9002

Model 9002 1.5 AMP, 12 VOLT Automatic Charger/Maintainer

- For all vehicles, can be mounted in vehicle
- Fully automatic with charging status indicated by LED
- Reverse polarity and short circuit protection



9003



Model 9003 0.9 AMP, 6/12 VOLT Automatic in both 6 and 12 Volt

- Slide switch for 6 Volt or 12 Volt battery
- Micro-Processor controlled utilizing LED operating indicators
- Reverse polarity and short circuit operation
- Battery clamps as well as optional fused battery connectors



9004



Model 9004 0.8/2.0 AMP, 12 VOLT Automatic Charger/Maintainer

- Slide switch for either flooded or gel battery
- Rocker switch for 0.8 Amp or 2.0 Amp charge
- Micro-processor controlled utilizing LED operating indicators
- Reverse polarity and short circuit protection
- Battery clamps as well as optional fused battery connectors
- True float maintainer operation



9014

Model 9014 10/2 AMP, 6/12 VOLT Automatic Full-Rate Charger

- Substantially reduces risk of overcharging
- Manual 6 Volt position for lower voltage requirements
- Great for standard, maintenance-free, deep-cycle, and small batteries



9060

Model 9060 10/2/55 AMP, 6/12 VOLT Automatic Charger with Engine Starter

- Automatic 12 Volt setting turns off at full charge and turns back on if battery needs more power
- Green LED signals "complete charge". Red LED indicates "reverse hook-up"
- Separate selection for help starting vehicle
- Manual 6 Volt position for lower voltage requirements



9070

Model 9070 12/2/70 AMP, 6/12 VOLT Automatic Charger with Engine Starter

- Automatic 12 Volt setting turns off at full charge and turns back on if battery needs more power
- Green LED signals "complete charge". Red LED indicates "reverse hook-up"
- Separate selection for help starting vehicle and 25% more engine start capability than Model 9050 or 9060
- Manual 6 Volt position for lower voltage requirements
- **20% more power than Model 9060**



9090

Model 9090 15/2/100 AMP, 6/12 VOLT Automatic Charger with Engine Starter

- Automatic 12 Volt setting turns off at full charge and turns back on if battery needs more power
- Third switch on unit allows enhanced deep cycle charging
- Green LED signals "complete charge". Red LED indicates "reverse hook-up"
- Separate selection for help starting vehicle and 40% more engine start capability than Model 9070 and 80% more than Model 9050 and 9060
- Manual 6 Volt position for lower voltage requirements

FEATURES

MODEL 6127

ROLL-AROUND STARTER

- Battery compartment protects battery from weather abuse
- Easy access for battery service
- Hold down straps prevent spilling
- Side or top post batteries
- Clamps and cables
- Heavy - duty 8 ft. 4 AWG cable flexible to -40° F
- 500 Amp insulated clamps
- "Flexi- Spring" cable guards
- Model 6127EX available in 230 VAC, 50/60 Hz



6127

Model 6127 Roll Around Starter

Kwik Start vehicles anywhere without AC power. On-board starter battery gives more cranking power than any fast charger, up to 1100 Amps cold cranking power. Smart choice for car dealers, airports, industrial plants and shopping centers to assist customers and employees where there is no electrical power. Plugs into any AC outlet for rapid automatic recharging. Solid state circuitry monitors battery condition and maintains maximum state of charge. Patented "Stop/Go" light warns operators before making a reverse connection. Designed for easy and quick handling, safety, and protection from weather. Fully automatic, 10 Amp charger recharges starter battery or any on-board 12 Volt battery. Will not overcharge. (Battery not supplied, recommend minimum 500 CCA.)

Starting System Specifications

MODEL NUMBER	D.C. OUTPUT	A.C. INPUT	COLD CRANKING AMPS (CCA)	CLAMPS	D.C. LEADS	A.C. CORD	LIMITED WARRANTY	SHIPPING DIMENSIONS (HXWXD)	WEIGHT
6127	10 A	110 A	Up to 1100 A	500 A "Flexi-spring"	8' 4 AWG	6-1/2' 16-3	1 Year	25"x11"x5"	48 lbs

6051



6053 A



6055



Models 6051, 6053 A, 6055 Specialty Chargers

Ideal for golf carts, personnel carriers, maintenance vehicle, scissor lifts, wheelchairs and any other 24, 36, or 48 volt application. Excellent for all marine applications as well. Each unit features a ferro-resonant transformer that compensates for input voltage variation. Current-limited in case of short circuits. All ferro-resonant units feature patented electronic timing for longer battery life, less water usage and fuller charge without overcharging. These units are equipped with an output cord without a connector due to the multiple use applications. 120 Volt, 60 HZ
All Units Patent Pending

Specialty Charger Specifications

MODEL NUMBER	VOLTAGE	MAXIMUM OUTPUT	CHARGE CONTROL CIRCUIT	AC CORD	DC LEAD	LIMITED WARRANTY	SHIPPING DIMENSIONS (HXWXD)	WEIGHT
6051	24 V	25 A	Yes	6' 14-3	8' 12-2	2 Years	16.5"x18"x15.25"	30 lbs
6053A	36 V	20 A	Yes	6' 14-3	8' 12-2	2 Years	16.5"x18"x15.25"	33 lbs
6055	48 V	25 A	Yes	6' 14-3	8' 12-2	2 Years	16.5"x18"x15.25"	39 lbs

FEATURES

- Model 6225 - 18 Amp Hour Battery
 - 900 Peak Amps
 - 250 Cold Cranking Amps
- Model 6250 - 22 Amp Hour Battery
 - 1650 Peak Amps
 - 360 Cold Cranking Amps
- 32" 4 Gauge Cables
- LED's for Battery State of Charge
- External Charger
- Overcharge Protection
- 400 Amp Clamps

6225



Model 6225 Kwikstart

The Kwikstart 425 Rechargeable 12 Volt DC power supply is equipped with a UL listed 12 Volt DC battery which is ideal for jump-starting cars, trucks, boats, RV's, and tractors. The operator can also use up to 50 hours of portable DC power for cell phone, power tools, work lights and more. The patented clamp on bars make it easy for stowing the clamps when not in use. Bright LED's will quickly show the operator the charge level in the battery. The heavy-duty carrying handle is designed for rough use. Comes equipped with a 120 Volt charger with overload protection.



6250

Model 6250 Kwikstart

The Kwikstart 650 rechargeable 12 Volt DC power supply is equipped with a UL listed 12 Volt DC battery which is ideal for jump-starting cars, trucks, boats, RV's and tractors. This unit has 44% more cranking power than Kwikstart 425. The operator can also use up to 50 hours of portable DC power for cell phones, power tools, work lights and more. The patented clamp on bars make it easy for stowing the clamps when not in use. Bright LED's will quickly show the operator the charge level in the battery. The heavy-duty carrying handle is designed for rough use. Comes equipped with a 120 Volt charger with overload protection.



6290

Model 6290 Kwikstart

The Kwikstart 6290 rechargeable 12/24 Volt DC Power Supply is equipped with two 12 Volt 22 Amp hour DC High Performance batteries. This heavy duty product is ideal for jump starting cars, trucks, boats, RV's and tractors. This unit has a 3 position switch for 12 Volt, OFF, or 24 Volt settings. The operator also has up to 100 hours of portable 12 Volt DC power for cell phones, power tools, work lights and more.

The Kwikstart 6290 is also equipped with a convenient bright emergency light. This heavy-duty unit is designed for rough use. Unit comes equipped with a 120 Volt 1000 milliamp charger with built in overcharge protection to prolong battery life.

6270



Model 6270 Kwikstart

This 12 Volt power supply has twice the capacity of Model 6250. It is equipped with 2-12 Volt, 22 Amp hour DC batteries. This unit has a convenient on/off switch, battery condition test meter and a bright emergency light. Unit comes equipped with a 120 Volt 1000 milliamp charger with built in overcharge protection to prolong battery life. Similar in appearance to Model 6290.

Kwikstart Specifications

MODEL NUMBER	DC VOLTAGE	PEAK AMPS	COLD CRANKING AMPS (CCA)	BATTERY POWER	BOOSTER CABLES	LIMITED WARRANTY	SHIPPING DIMENSIONS (HxWxD)	WEIGHT
6225	12 V	900 A	250 A	12V/18 AH	32" 4 AWG	1 Year	11.5"x18"x4.25"	21 lbs
6250	12 V	1650 A	360 A	12V/22 AH	32" 4 AWG	1 Year	11.5"x18"x4.25"	22 lbs
6270	12 V	2750 A	560 A	12V/44 AH	66" 2 AWG	1 Year	18.25"x16.75"x10"	44 lbs
6290	12/24 V	3500/1750 A	720/360 A	12V/44 AH, 24V/22 AH	66" 2 AWG	1 Year	18.25"x16.75"x10"	44 lbs

FEATURES

- Isolated transformer for safety
- Models 6065 and 6068 are UL listed
- Circuit breaker protection
- Mounts on wall or bench
- Made in USA
- Model 6078, Parallel Charger available in 230 VAC, 50/60 Hz

Model 6068 Parallel Charger

Charges up to 36 batteries, in parallel, in less than 24 hours. Can be wall-mounted or on a stationary bench. 16 charge rates for precise charging. Each battery accepts charge required, depending on size, state of charge and temperature. Engineered so that an initial high charge rate tapers down to a safe finishing level. Isolated transformer and a heavy-duty voltage diode rectifier with deep reserve capacity are standard features. Digital voltmeter and ammeter improve accuracy and reliability. Use Model 6075 bus bar sets as needed.



6068

MADE IN USA



6065

Model 6065 Parallel Charger

Charges 1 to 10 batteries, in parallel, in less than 24 hours. UL listed. 16 charge rates for precise charging. Patented multi-diode rectifier with deep reserve capacity. Use Model 6075 bus bar that includes 10 pairs of charging leads.

MADE IN USA

6086



Model 6086 Battery Charging Rack

Battery charging rack stores up to 15 batteries. Convenient three-shelf, heavy-gauge steel construction rack with 10 pairs of charging leads. Insulated storage bars and connections ensure there are no live electrical connections. Shelves have durable 1/8" polypropylene sheet to protect from damage and are acid resistant. *Storage rack only, Model 6089



6075

Model 6075 Bus Bar

Bus Bar set for parallel charging. Ten battery capacity. Use one or combine additional bars for added capacity. Insulated fiberglass backboard with 10 pairs DC charging leads, 10 gauge, 36" long with 300 Amp insulated safety clamps. Comes with three-foot 4 AWG cables to connect to charger or additional bus bars.

FEATURES

- Anti-spark delay timer protection for safety during hook-up (Model 6082)
- Full wave silicon rectifier
- Isolated transformer for safety
- Circuit breaker protection
- Easy-to-remove clamps
- Heavy-duty design for safe operation and quality performance
- Limited 1 Year Warranty
- Made in USA



6082

Model 6082 Series Charger

The series charger workhorse. Charges 2-60 cells from 0 to 6 Amps. With state-of-the-art, anti-spark delay, voltage is shut off when current is interrupted, eliminating sparking. Added safety feature provides greater protection when charging 10 batteries where the voltage approaches 158 Volts DC. Output current can be smoothly adjusted over full range with the front panel control. Polarity protection for operator and equipment safety. Nine charging leads included.



6080 A

Model 6080A Series Charger

This series charger, with higher output voltage, charges new batteries and rejuvenates sulfated batteries. Fully charges six maintenance-free batteries at a time. Has an isolate transformer for better safety, plus circuit breaker protection. Includes five charging leads.



Charger Specifications

MODEL NUMBER	D.C. OUTPUT	A.C. INPUT	CHARGING CAPACITY	CHARGE RATES	VOLT METER	AM METER	D.C. LEADS	A.C. CORD	SHIPPING DIMENSIONS (HxWxD)	WEIGHT
6065	30A, 14.9 V	108-132 V, 7.5A, 60Hz	Up to 12 V	16	11-17 V	0-50 A	6 ft.	6.5 ft.	16"x19"x16"	40 lbs
6068	110A, 15.5 V	190-262 V, 13.8 A, 50/60 Hz	Up to 36 12 V	16	Digital 1-19 V	0-110A	5 ft.	Permanent installation only	26"x17"x14"	83 lbs
6080A	6A, 106V	120V, 8A, 60Hz	1-36 Cells	64	NA	0-6 A	8 ft.	6.5 ft.	16"x19"x16"	40 lbs
6082	6A, 0-158 V	120V, 13A, 60Hz	1-60 Cells	Adjustable	NA	0-6 A	8 ft.	6.5 ft.	16"x19"x16"	45 lbs

8600/8601 FEATURES

- Tests 12 or 24 Volt, internally or externally regulated alternators
- Easy-to-read LED meter
- Regulated power supply is overload protected
- Alternator, Trio, Diode, and Stator light for easier diagnosis
- Universal test lead included
- 300 Amps of starter testing current

8600/8601



Model 8600/8601 Bench Tester

COMPACT and USER-FRIENDLY. All digital, alternator/starter tester designed with both the operator and customer in mind. Takes up little work space (14" x 27" x 17"). Gives results from free-run starter or light-load alternator tests. The high-resolution, digital control panel meter is more accurate than an analog meter and EASY TO READ. Oversized cast aluminum vice for easy mounting of starter or alternators. Safety interlock prohibits testing unless belt guard is in place. Double-tension springs prevent pulley slippage. No battery required for testing. Basic test lead included, optional leads 8514-8519 see below.

Model 8601, 1 HP version for testing heavier-duty higher output commercial alternators.

- **8514** Direct Connect Bench Tester Adapter Cable (included with 8516, 8517, 8518)
- **8516** Bench Tester Leads for Domestic Alternators (8514 included)
 - Chrysler, Ford, GM/Delco
- **8517** Bench Tester Leads for Import Alternators (8514 included)
 - Honda, Nissan, Toyota, ETC.
- **8518** Bench Tester Leads for Domestic and Import Alternators (8514 included)
 - Ford, GM, Honda, Toyota, ETC.
- **8519** Bench Tester Leads for 6GC Ford Alternator

8650 FEATURES

- Drive motor horsepower- 5 HP Single speed
- Drive motor power and phase- 220 Volts A/C - 60 Hz single phase
- Carbon Pile 18 - 1/4" x 4" x 4" plates. Adjust from 0-500 Amps
- Operators manual included
- Serpentine pulley included
- Test Voltage-12 and 24 Volt
- Test Leads-TBUNI Lead only- Other leads optional

8650



Model 8650 Alternator, Generator and Starter Tester

The model 8650 Tester is designed for the Fleet Operator, Parts Jobber or Ag-Industrial dealer who requires a "Real" tester capable of testing alternators and batteries for full output. The unit fully load tests alternators and generators to 165 Amps (12 Volt) intermittently to 190 Amps and also does a free run starter test. The 8650 will load test batteries to 1000 CCA. There are two easy to read analog meters: a combination 0-35 Volt output voltmeter and auxiliary voltmeter (stator or diode trio voltages) and a combination 0-200 and 0-500 Amp DC ammeter. There is a pre-test for reversed lead connections or shorted alternator diodes before turning on the motor. This feature prevents possible damage to the tester and alternator. The sliding ears with stepped pins hold alternators like the manufacturer intended, by the alternator mounting ears. Starters are held in a slide-in "V" vise.

Specialty Tester Specifications

MODEL NUMBER	AMMETER	VOLTMETER	DRIVE MOTOR	LEADS	CLAMPS	LIMITED WARRANTY	SHIPPING DIMENSIONS (HXWXD)	WEIGHT
8600	Digital LED 0-999 A	Digital LED 0-32 Volts DC	0.5 HP	4' 6 AWG	300 A	1 Year	21"x30"x17"	110 lbs
8601	Digital LED 0-999 A	Digital LED 0-32 Volts DC	1.0 HP	4' 6 AWG	300 A	1 Year	21"x30"x17"	115 lbs
8650	0-500 A Analog Display	0-35V Analog Display	5.0 HP	3' 4 AWG	500 A	1 Year	28"x32"x36"	250 lbs

FEATURES

- Allows hands free operation while the technician starts the vehicle
- Indicates you have a good connection to the points being monitored. You no longer need to guess if you have a good connection
- Tests battery voltage to verify there is sufficient voltage before testing begins
- Monitors four connection points at one time. Expedites testing process
- Allows the technician to test hard to reach areas while not putting himself in a precarious position during the starting operation
- Holds the status of all poor connections until the 8540 is reset, allowing the technician time to analyze the results
- Will automatically switch to the 24 Volt test setting if battery voltage is detected above 16 Volts
- Operates off of the test battery, no external battery needed
- Will test either positive or negative connected ignition switch



8540

Model 8540 Starter Circuit Tester

Now one technician can handle the job of two when trouble shooting electrical problems in the automotive starter system. The innovative design monitors voltage drops across key connection points in the starter system. When the voltage drop rises to a level that impedes operation of the system, the 8540 LED's inform the technician of where the problem lies. Limited 1 Year Warranty. The 8540 comes with standard length plug-in leads. Optional extra long lead set (Model 8542) available for large trucks and off road equipment.

Test voltage drop from battery to the starter



Checks battery voltage before starting test

Checks ignition switch and wiring

Monitors the battery for excessive voltage drop: Indicative of a bad battery or shorted starter

Checks Ground connection

"Testing that once required two technicians can now be done by one person."

FEATURES

- Perform These Diagnostic Tests
 - State of Charge
 - Batter load test
 - Starter test
 - Charging system test
- Lightweight and easy to use
- Heavy-duty clamps on most Models
- Hand held testers have recessed meters to protect from damage



6024

Model 6024

Alternator/Battery Tester

Full 125A load tests 12V and 24V batteries, alternators, and starters on all types of vehicles. Durable and built for safety. Patent Pending



6026

MODEL 6026 Battery Load Tester

A great value priced battery tested from Associated Equipment. Cables extend out from the bottom of the handle for safe and convenient use, stainless steel cabinet, easy-to-handle unit, coupled with insulated clamps, and a recessed meter protects it from damage.



6028DL

Model 6028DL 12 Volt Combo Tester

With a 60 amp load as well as a 125 amp load, it fully load tests small engine batteries for both CCA and amp hours. Mid-sized clamps offer greater flexibility when attaching the hard to reach applications. Heavier load permits unit to perform all tests as models 6029 and 6026. Patent Pending



6029

Model 6029 Battery Load Tester

Full 125 amp load tests 6 and 12 volt batteries, alternators and starters on all types of vehicles. Durable and built for safety. Recessed meter helps protect this hand-held tester from damage. Features heavy duty insulated safety clamps with 300-amp jaws and side terminal adapters.



6031

Model 6031 Alternator/Battery Tester

Tests for defective alternator diodes including GM trio test, and performs complete battery test as well. 125 amp load checks state of charge on conventional and maintenance-free batteries. Searches for excess starter current and alternator/regulator output voltage. Light weight, hand-held convenience.

FEATURES

- Digital accuracy performs these tests **AUTOMATICALLY**:
 - State of charge
 - Battery load test
 - Starter test
 - Charging system test
- Lightweight and easy to use
- Recessed meter to protect from damage
- Made in USA

6030

Model 6030

Full 125 Amp load tests 12 Volt batteries, alternators and starters on all types of vehicles. Durable and built for safety. Recessed meter helps protect this hand-held tester from damage and ensures more accurate and reliable outputs. Features heavy duty insulated safety clamps with 300 Amp jaws and side terminal adapters.



6030DV

Model 6030DV

Full 125 Amp load tests 12 and 24 Volt batteries, alternators and starters on all types of vehicles. Durable and built for safety. Recessed meter helps protect this hand-held tester from damage and ensures more accurate and reliable outputs. Features heavy duty insulated safety clamps with 300 Amp jaws and side terminal adapters. Patent Pending

Tester Specifications

MODEL NUMBER	LOAD	VOLTMETER	LEADS	CLAMPS	SHIPPING DIMENSIONS (HxWxD)	WEIGHT
6024	125/125 A	0-32 Volts DC	2' 14/2	300 A	11" x 6" x 7"	4 lbs
6026	135 A	0-16 Volts DC	2' 14/2	300 A	11" x 6" x 7"	4 lbs
6028DL	60/125 A	0-16 Volts DC	2' 14/2	125 A	11" x 6" x 7"	4 lbs
6029	125 A	0-16 Volts DC	2' 14/2	300 A	11" x 6" x 7"	4 lbs
6030	125 A	6-19 Volts Digital	2' 14/2	300 A	11" x 6" x 7"	4 lbs
6030DV	125/125 A	6-32 Volts Digital	2' 14/2	300 A	11" x 6" x 7"	4 lbs
6031	125 A	0-16 Volts DC	2' 14/2	300 A	11" x 6" x 7"	4 lbs



6157

Booster Cables

Professional quality, heavy-duty booster cables ensure quick and efficient connections.

Associated Equipment has designed these cables with your safety and convenience in mind. From side terminal adapters and "Flexi-Spring" cable guards to insulated safety clamps and 100% copper jaws.



6199



6202



6205

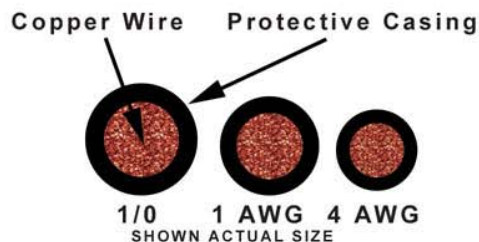
Model 6199, 6202, 6205 Clamps USA

Professional quality heavy-duty clamps for all booster cables. Replace Associated clamps or upgrade other manufacturers' products with these professional quality replacement clamps. Contact factory for OEM Pricing

6156-6163

Visually similar to 6157, see particular specifications below.

Cable Size Cross Sections



6200



Model 6200 Side Terminal Adapter

Need side terminal adapters? Model 6200 fits Associated and most other insulated clamps for easier connections.

Clamp Specifications

MODEL NUMBER	AMPS	JAWS	INSULATION	FOR USE WITH CABLE	"FLEXI-SPRING"	REPLACEMENT JAW KITS
6199	400 A	Copper Plated Steel	Bonded Powder Vinyl	3,4,6 GA	No	Yes
6202	500 A	Copper	Bonded "Plastisol" Vinyl	3,4,6 GA	Yes	Yes
6205	800 A	Heavy Gauge Copper	Bonded "Plastisol" Vinyl	1/0,1,2	Yes	Yes

Booster Cable Specifications

MODEL NUMBER	TOTAL LENGTH	GAUGE	CIR. MIL. COPPER, JACKET **	AMP CLAMP	SIDE TERMINAL ADAPTERS	MASTER CARTON	SAE RATING +	"FLEXI-SPRING"	SHIPPING DIMENSIONS (HXWXB)	WEIGHT
6156	12'	4 AWG	32,900, T-94	400 A	No	6	Heavy-Duty	No	4"x11"x11"	7 lbs
6157	12'	4 AWG	32,900, T-94	500 A	Yes	6	Heavy-Duty	Yes	4"x11"x11"	8 lbs
6158*	12'	4 AWG	32,900, T-94	500 A	Yes	6	Heavy-Duty	Yes	4"x11"x11"	8 lbs
6159	15'	4 AWG	32,900, T-94	500 A	Yes	5	Heavy-Duty	Yes	5"x11"x11"	9 lbs
6160	20'	4 AWG	41,300, T-94	500 A	Yes	5	Heavy-Duty	Yes	5"x11"x11"	12 lbs
6161	20'	1 AWG	83,600, T-94	800 A	No	1	Extra-Heavy-Duty	Yes	6"x11"x11"	17 lbs
6162	15'	1/0 AWG	106,400, T-94	800 A	No	1	Super-Heavy-Duty	Yes	5"x12"x10"	16 lbs
6163	25'	1/0 AWG	106,400, T-94	800 A	No	1	Super-Heavy-Duty	Yes	9"x12"x12"	25 lbs

* Equipped with "Safety Light", red light warns operator if polarity is reversed.

** T-94 flexible to -40 degrees F.

+ Meets SAE J 1494 specifications

FEATURES

- Heavy-Duty tangle-free cables
- Polarizes LEXAN® plug won't break in coldest weather
- Solid copper jaw, insulated clamps with "Flexi-Spring" cable guard
- Patented "Stop Safety Light" on Models 6139 and 6146



6118
6119

Model 6118/6119 Plug-in Cable

Designed with operator and customer in mind. Plug-in starting system starts cars conveniently, faster and safer. Connection made without ever lifting service truck hood. Features a weather proof socket and polarized plug with up to 30 feet of tangle-free cables.



6125

Flush mount plug-in receptacle available for Model 6139 system. Larger flush mount plug-in Model 6149 is available for 1 AWG or 6146 plug-in system.



USA

6139

Model 6139 Plug-in Cable

The stainless steel receptacle mounts onto a truck bumper and connects directly to a battery. Reaches stalled vehicles from front, back or side. Includes 30 foot, tangle-free starting cables, side terminal adapters and polarized LEXAN® plug. For flush mount version, combine Model 6125 stainless steel receptacle with Model 6138 cables.



Model 6146 Plug-in Cable

More truck starting power than an 8 HP gas starter. Extra heavy duty plug-in starting system ideal for volume car starting in extremely cold climates. Heavier 1 AWG cable has half the voltage drop as Model 6139. For flush mount version, combine Model 6149 stainless steel receptacle with Model 610321 cables.

USA

6146

Cable Specifications

MODEL NUMBER	TOTAL LENGTH	VEHICLE CONNECTION LENGTH	GAUGE	CIR. MIL. COPPER JACKET **	AMP CLAMP	SIDE TERMINAL ADAPTERS	"FLEXI-SPRING"	SAFETY LITE	SAE RATING +	SHIPPING DIMENSIONS (HXWXD)	WEIGHT
6118	29'	4'	4 AWG	41,300 T-94	500 A	Yes	No	No	Heavy-Duty	6"x12"x12"	15 lbs
6119	34'	4'	4 AWG	41,300 T-94	500 A	Yes	No	No	Heavy-Duty	6"x12"x12"	17 lbs
6139	30'	5'	4 AWG	41,300 T-94	500 A	Yes	Yes	Yes	Heavy-Duty	6"x12"x12"	17 lbs
6146	30'	5'	1 AWG	83,600 T-94	800 A	No	Yes	Yes	Super Heavy-Duty	9"x12"x12"	26 lbs

FEATURES

- Easy-to-read LED voltmeter and ammeter
- 500 Amp safety clamps with "Flexi-Spring" and patented side terminal adapters, plus separate light gauge test leads for tighter spots
- Heavy-duty single extruded leads for testing up to 15 feet apart
- Inductive pick up included
- Unique curved carbon discs assure maximum contact, fewer hot spots, smoother operation and longer life
- 10-meg ohm input impedance for today's high tech systems
- Convenient heavy-duty tilt back cart with 8 inch wheels and 2 trays included
- Video manual with step-by-step instructions



6042

Model 6042 w/6038 Battery Electrical Systems Tester

Designed with highest quality and versatility in mind. Interprets data from the charging/starting system on easy-to-read LED display voltmeter and ammeter. Also show +/- Amps for easy diagnosis of current leakage problems. The 500 Amp, carbon pile variable load capability, provides accurate load testing for up to 1,000 CCA batteries. A great time-saver for testing electrical systems on 12, 12/24 and 24 Volt vehicles.

6038 two-wheel cart included with the 6042.

*Coated circuit board prevents damage and meter inaccuracy due to moisture and dirt.

*Circuits protected against reverse voltages due to incorrect hookup.

**"Load on" light indicates the load is activated. Made in USA.

6038



Model 6038 Cart

Available for easy mobility.



Model 6034

Carbon Pile Load Tester 500 AMP

Our value packaged Carbon Pile tester handles all 6/12 Volt batteries. Two large 4.5" Analog meters display amperes and volts. DC test leads are 2.5' 4 AWG cable. Unit comes with manual adjust knob. Buzzer sounds after load is engaged for 15 seconds.

6034

Variable Load Testers

FEATURES

- Tests batteries up to 2000 CCA
- Narrow threaded shaft for fine adjustment
- Large scale voltmeter with color coded numerical scale
- Temperature compensation chart
- 1000 Amp heavy gauge copper jaws in insulated clamps with "Flexi-Spring" cable guards
- Voltage sensing leads buried in cable to prevent damage



6036 B

Model 6036 B 1000 AMP Load Tester

Ideal for battery distributors, high volume testing, and fleet use. High resolution carbon pile assembly, featuring unique curved carbon discs, ensures maximum contact, reduces hot spots, prevents edge burning and provides smoother operation and longer life. High RPM fan cools for continuous battery testing. Voltmeter leads are inside cables for protection. Made in USA.

Model 6038 cart available for easy mobility.

Model 6036 B-24 1000 AMP Load Tester

All the features as the 6036B with the added value of 24 Volt battery testing capability. Using a dual scale meter and a solid state automatic ranging circuit, the tester automatically switches to the proper scale. Tests 6, 12, and 24 Volt batteries.

6036 B-24

6039



Model 6039

0-600 AMP Load Tester

EASY-TO-READ DIGITAL voltmeter and ammeter combine with the versatility of a carbon pile load to give a quick and precise determination of battery and charging system problems. Spring loaded to shut off automatically. This 0 to 600 Amp tester has unique curved discs to prevent hot spots. Heavy duty clamps with "Flexi-Spring" cable guards provide added value. Made in USA.

Tester Specifications

MODEL NUMBER	LOAD	AMMETER	VOLTMETER	LEADS	CLAMPS	LIMITED WARRANTY	SHIPPING DIMENSIONS (HxWxD)	WEIGHT
6034	500 A	4.5" 0-500 A	0-16 Volts DC	2.5' 4 AWG*	400 A Safety Clamps**	1 Year	7"x12.5"x11"	10 lbs
6036 B	1000 A	6" 0-1000 A	0-16 Volts DC	5' 2 AWG*	1000 A 15 Sec. Rating**	1 Year	18"x18"x18"	32 lbs
6036 B-24	1000 A	6" 0-1000 A	0-32 Volts DC	5' 2 AWG*	1000 A 15 Sec. Rating**	1 Year	18"x18"x18"	32 lbs
6039	600 A	Digital LCD 0-600 A	Digital LCD 0-19.99 V DC	5.5' 4 AWG*	500 A**	1 Year	11"x19"x14"	17 lbs
6042	500 A	Digital LCD 0-999 A	Digital LCD 0-32.0 V DC	8' 4 AWG*	500 A**	1 Year	8"x36"x19"	67 lbs

*Buried Tracer Lead in cable to prevent damage **Exclusive Flexi-Spring Strain Relief