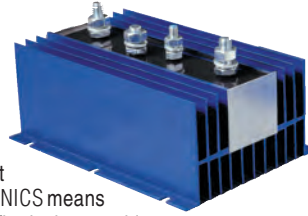


Designed for the RV Owner!

SURE POWER BATTERY ISOLATORS & SEPARATORS

BATTERY ISOLATORS ELIMINATE MULTI-BATTERY DRAIN

When 2 or more battery banks are in a charging system you can get stuck with dead batteries and an engine that won't start IF YOU DON'T HAVE a battery isolator. •SOLID STATE ELECTRONICS means no moving parts to wear out! •UNIQUE DESIGN: The anodized fin design provides maximum heat dissipation *plus* all electrical parts are sealed with a moisture-proof epoxy sealant to preserve them from the elements. •ALLOWS EACH BATTERY TO DISCHARGE AND CHARGE ACCORDING TO ITS OWN NEEDS.



TWO-BATTERY STANDARD ISOLATOR

15776 70-Amp CS** #702-D 24

TWO-BATTERY UNIVERSAL ISOLATORS

15777 95-Amp CS** #9523A-D 12

15778 120Amp CS** #12023A-D 12

APPLICATION INFORMATION

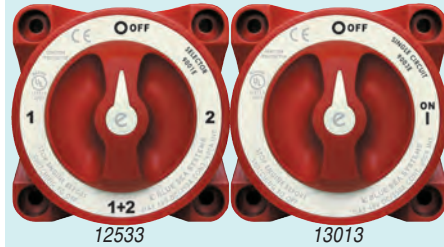
GROUP 1	General Motors (Delcotron)	Except Delcotron CS series alternators (CS series used on most 1985 and newer GM vehicles).
	Ford	Up to 1998.
	Chrysler	All models, all years including Nippondenso externally regulated alternators.
	Jeep	Equipped with Nippondenso externally regulated alternators.
	Japanese Imports	With alternators using external voltage regulator or external sensing.
	Motorola	Load Handler Series or 8EM Remote Sense Series.
A Group 1 Isolator will have an alternator post and up to four battery posts. There are no colored terminals.		
GROUP 2	General Motors (Delcotron)	Equipped with Delcotron CS Series (most 85-93) or SC130-D series alternators (most 93 & newer**)
	Jeep	Vehicles equipped with Delcotron CS series alternator (most 1985-90).
	Toyota, Honda & Some Imports	1985 and newer equipped with Nippondenso alternator with internal regulators or alternators with an "S" (sense) terminal.
	Ford	Many 1998 and newer.
	Unplugging the plug-in connector from the alternator and counting the number of holes in the connector can identify the CS series alternator. The CS series will have three small and one large hole. The SC130-D alternator has four pin terminals all the same size. The SI series will have two slotted holes in the connector. **Delco CS series alternators require a separate sense wire which is included with the connector kit. The connector kit may or may not be included with the isolator, but is available as an accessory. All Group 2 isolators may be used in Group 1 applications. Simply disregard the additional excitation ("E") terminal. A group 2 Isolator will have a colored fourth terminal indicating the "E" terminal.	

MAXIMUM ALTERNATOR RATING	2 BATTS 1 Main, 1 Aux.	RECOMMENDED WIRE SIZE / CIRCUIT BREAKER			
		Up to 15'	15' to 20'	20' to 25'	25' to 30'
70 Amps	15776	#8-ga. / 50Amp	#8-ga. / 50Amp	#6-ga. / 50Amp	#6-ga. / 50Amp
95 Amps	15777	#8-ga. / 50Amp	#6-ga. / 50Amp	#4-ga. / 50Amp	#4-ga. / 50Amp
120 Amps	15778	#6-ga. / 80Amp	#4-ga. / 80Amp	#2-ga. / 80Amp	#1-ga. / 80Amp
160 Amps		#4-ga. / 120Amp	#2-ga. / 120Amp	#2-ga. / 120Amp	#0-ga. / 120Amp
240 Amps		#000 ga. / 150 Amp	#000 ga. / 150 Amp	#0000 ga. / 150 Amp	#0000 ga. / 150 Amp

SMART SOLENOID BATTERY SEPARATOR

The Smart Solenoid is available in two models, a uni-directional charging model and a bi-directional charging model. The uni-directional model charges auxiliary battery after the primary battery has reached at least 13.2-V. The primary battery is the priority charged battery. The bi-directional charger charges primary and auxiliary battery after either battery has reached 13.2-V. This model is particularly useful for motorhomes or other vehicles which are equipped with an auxiliary battery charger, generator, inverters or solar chargers. Mounts on tow vehicle or towable.

Order #	SMART SOLENOID MODELS
17715	Uni-Directional (charges starting battery, then auxiliary)
17716	Bi-Directional (activates when either battery is charging)



E-SERIES BATTERY SWITCHES

Up to 350 Amperes Continuous Rating

Ignition protected - safe for installation aboard gasoline powered boats. Tactile indicator conveys knob position by feel only. Fits all Perko and Guest low amperage battery switch hole patterns. Case design allows surface or rear panel-mounting. Accepts up to 4/0 AWG (95mm²) battery cables. • Meets American Boat and Yacht Council (ABYC) requirements for battery switches. • Make-before-break contact design on 9001 and 9002 models allows switching between battery banks without power interruption.

APPLICATIONS 12533

1. Switches battery bank 1 or battery bank 2 or battery banks 1 and 2 to all loads using one switch.

APPLICATIONS 13013

1. Switches a single battery to a single load group. 2. Can be used in multiples to manage several isolated circuits including cross connecting for emergency paralleling.

SPECIFICATIONS	9001e-9003e
Inrush Rating: 0.25 sec (10 repeats)*	1,750 Amperes DC
Cranking Rating: 9.75 sec (10 repeats)*	900 Amperes DC
Intermittent Rating: 5 min (UL 1107)	600 Amperes DC
Continuous Rating: (UL 1107)	350 Amperes DC
Terminal Stud Size	3/8"-16 (M10)
Terminal Stud Torque	140 in-lbs.
Cable Size to Meet Ratings***	4/0
Voltage Rating	48 Volts DC Maximum
Cable Clearance For 4/0 Cables	1.10" (27.9mm)
Case Material	Reinforced Polycarbonate

CE marked
AGENCY STANDARDS
 UL Listed - UL 1107 electric power switches**
 Meets UL 1500 and SAE J1171 external ignition protection requirements
 * Blue Sea Systems Engine Starting Standard Per Circuit
 *** Reducing cable size will reduce current rating

E-Series Battery Switch:
12533 Selector #9001E 5
13013 Single Circuit On/Off #9003E 5



69-PIECE TOOL SET WITH CARRYING CASE AND ELECTRICAL ACCESSORIES

69 tool pieces include: • 3m/10ft. tape measure with belt clip • Wire stripper • 10-pc. wrench set (6 English, 4 metric) • Utility knife • Driver with 20-bit set • Utility scissors with gripper • 30-pc. socket set; • Adjustable wrench • Wire brush • Needle nose pliers and • Small wire cutter. Tools fit neatly into plastic carrying case, 14" W x 14.5" H (handle folded) x 3" D; opens to 28-1/4" wide. **Also included:** 1 roll of electrical tape, 46-pc. electrical terminal kit, and 150 assorted colors and sizes of wire ties.

40156 Multi-Use Tool Kit with Case and Electrical Accessories #83475 4

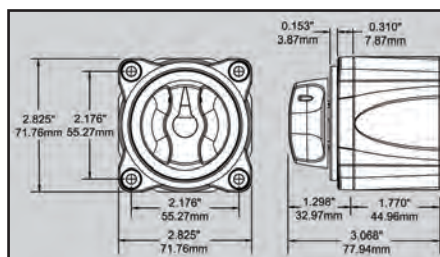
SEE PAGE 50 FOR MORE ELECTRICAL TOOLS

M-SERIES BATTERY SWITCHES

300 AMPERES CONTINUOUS RATING



All switches have: • Ignition protected - Safe for installation aboard gasoline powered boats. • Tactile textures indicate knob position by feel only. • Case design allows surface, front panel, or rear panel mounting. • Label with international ON/OFF legends. • Ideal for marine or RV applications. • Accepts up to 4/0 AWG battery cables. • All non-corrosive marine grade metals. • Molded in durable reinforced polycarbonate. • ICON label set included for circuit identification. • Removable key or knob remains positively retained. • 3/8"-16 M10 tin-plated copper studs for maximum conductivity and corrosion resistance. • 7/8" Long stud length to accept multiple cable terminals. • Isolator cover with snap-in sections protects rear contacts.



SPECIFICATIONS	
Inrush Rating: 0.25 sec (10 repeats)*	1,500 Amperes DC
Cranking Rating: 9.75 sec (10 repeats)*	700 Amperes DC
Intermittent Rating: 5 min (UL 1107)	500 Amperes DC
Continuous Rating: (UL 1107)	300 Amperes DC
Maximum Voltage Rating	48 Volt DC
Terminal Stud, Tin-Plated Copper	3/8" -16 (M10)
Terminal Stud Torque	140 in-lb.
Cable Size to Meet Ratings***	4/0 AWG
Cable Clearance For 4/0 Cables	1.12" (28.4mm)
Case Material	Reinforced Polycarbonate
CE marked	
AGENCY STANDARDS	
UL Listed - UL 1107 electric power switches. Meets UL 1500 and SAE J1171 external ignition protection requirements. * Blue Sea Systems Engine Starting Standard ** Per Circuit ***Reducing cable size will reduce current rating	

APPLICATIONS (14548-14549)

- Switches a single battery to a single load group.
- Multiple switches can be used to manage several isolated circuits including cross connecting for emergency paralleling.



14578

APPLICATION (14578)

- Switches battery bank 1 or battery bank 2 or battery banks 1 and 2 to all loads using one switch.

M-Series Battery Switch:

- 14548** Single Circuit On-Off w/Key #6005 5
14549 Single Circuit On-Off, w/Knob #6006 1
14578 Selector #6007 5

POLLAK SOLENOID SWITCHES - CONTINUOUS DUTY

Pollak

- 6-24 VDC Systems
- Plated Steel or Phenolic Housings
- Ignition & Ground Terminals, No.10-32 Thread
- Contact Terminals 5/16"- 24 Thread
- Bracket Mounting Holes; 5/16" x 19/32", 2 1/8" on centers.
- Complete Mounting Hardware.

Starter Solenoid, Continuous Duty 85 Amps, 4 terminal:

13753 Bulk #52-307 25

13785 Visi-Pak #52-307V 1

Starter Solenoid (Same as 52-307 except grounded), 3 terminal:

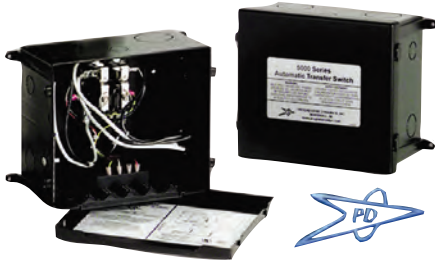
13678 Bulk #52-312 25



13753

SPECIFICATIONS

Voltage Rating:	6-24 VDC
Features:	12-V Continuous Duty Solenoid Insulated, with hardware. Flat Bracket. Replaces: Delco 1114218, 223; Prestolite 15-132,133, 236, 311, SAS-4201, 4202, 4213, 5203.Except grounded with three terminals. Replaces Presolite No's 15-139 SAS 4208.
Current Rating:	85 DC Amp
In Rush Current:	150 Amp



**PROGRESSIVE DYNAMICS
RV & MARINE AUTOMATIC
TRANSFER RELAY SYSTEM**

Generator to shore power automatic transfer relay system features: • Heavy duty relays to prevent contact damage during high current transfer operation. • Quick change replaceable circuit board. • Time delay circuit board ensures generator voltage is at proper level before transfer occurs. • Built-in strain reliefs for easy installation. • Protective cover easily snaps on or off. • PD5110010V has pigtail AC wire connections.

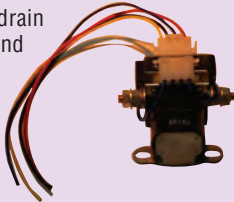
12375 Automatic Transfer Relay System, 120VAC, 30Amp #PD5110010V 6

14945 Automatic Transfer Relay System, 120VAC, 50Amp #PD52V 4

**PARALLAX POWER SUPPLY
BATTERY DISCONNECT RELAY**

Prevents battery drain during camping and storage periods.

- Helps maintain battery life.
- No continuous current draw.
- 100A 12VDC capability continuous. • 300 amp surge.



15009 Battery Relay #BR100 1

The Perfect Power Solution for Smaller RV Classes.



**PARALLAX POWER SUPPLY
6730 SERIES ELECTRONIC
CONVERTER/CHARGER
with AC and DC Distribution**

• Filtered power is free from spikes and surges, and the full output rating is available for battery charging. • 30 amp DC output is ideal for smaller RVs. • Pre-wired circuit breakers are provided: (1) 30 amp main, (1) 20 amp branch, and (2) 15 amp branches. • Locations for five DC fuses (fuses not included); (1) fuse for reverse polarity protection is included. • 13.75" W, 7" H, 5.5" D; Cut-out required: 12.75" W, 6.25" H. Weight: 8 lbs.

15010 30 Amp Converter #6730D 1



**PARALLAX
500 SERIES POWER CENTERS**

Parallax Power Centers - combining power conversion, battery charging, and AC/DC distribution - are a benchmark for RV power. 500 Series Power Centers for 50 amp/240 volt service are the most versatile yet, with eight AC branches, 15 DC fuse circuits, and a 50Amp main AC breaker. Add-ons like roof air conditioning, washers and dryers are accommodated. Extra panels are rarely needed. Filtered DC output is ideal for electronic-based appliances, accessories and motors. Power is free from spikes and surges, and operation is quiet. Smooth appliance operation and bright lighting are two of the benefits RVers appreciate. FCC Class B certification attests that minimal signal interference is caused with TVs, radios and emergency channels. UL/C-UL listed.

MODEL 555

- DC Output: 55 Amps. • AC Input: 120/240 Volts. • 8 AC Branches. • 15 DC Fuse Locations.
- 12-1/8" H x 12-1/4" W x 8-5/8" D. • 22 lbs.

16199 55 Amp. DC Output #555 1

**PARALLAX POWER SUPPLY
500 SERIES REPLACEMENT
CONVERTER SECTIONS**

These converter/charger sections are direct replacements for the lower sections of Parallax 555 and 565 Power Centers. Filtered DC output is ideal for electronic-based appliances, accessories and motors.

500 Series Converter/Charger Only:

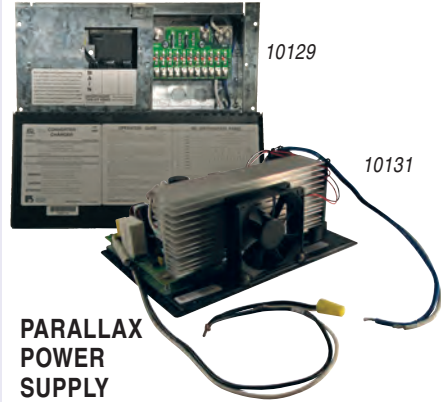
16200 55 Amp. DC Output, 12 lbs #555R 1



**PARALLAX POWER SUPPLY
AUTOMATIC LOAD SHED DEVICE**

The Automatic Load Shed Device (ALS 20) allows operation of two 20Amp loads from a single 20Amp branch circuit. Meets NEC requirements for operation of two 120-volt thermostatically controlled devices. ALS 20 operates a sheddable load such as an electric water heater and a priority load such as a microwave oven. The sheddable load is delayed temporarily via ALS 20 to allow operation of the on-demand priority load. ALS 20 is an important safety and performance enhancement for RV electrical systems. 6" W x 4-1/8" H x 4-7/16"D.

14610 Automatic Load Shed Device #ALS20 1



**PARALLAX
POWER
SUPPLY
7155 SOLID POWER CENTER**

**30 AMP AC-55 AMP DC
ELECTRONIC POWER CENTER**

Direct OEM Replacement Part

- 30 amp AC service with 55 amp on the DC side.
- Distribution panel accommodates a 30 amp main AC circuit breaker. • Has a 5 AC branch circuits and 11 DC fuse circuits. • Weights: 13.5 lbs.
- Dim.: 11-3/4" H x 14" W x 7" D.

10129 55 Amp Converter with Distribution Panel #7155 1

55 AMP REPL. CONVERTER SECTION

For WFCO® WF-8945 and WF-8955 Power Centers

- Direct lower section replacement.
- Weights: 4.3 lbs. • 2-year warranty.
- Dim.: 9.5" L x 7" D x 4" H.

10131 Replacement Lower Section f/7155 #081-7155-000 1





7300RU sections easily install into 6300 Series electronic power centers. A simple way to upgrade the popular 6300, 7300RU sections.

PARALLAX POWER SUPPLY 7300RU (REPLACEMENT UPGRADE) Electronic Converter/Charger Sections for Power Centers

An Easy Upgrade to Clean, Quiet Power.

- Upgrades linear power centers to electronic performance.
- Provides filtered electronic power to existing power centers.
- Power is free from spikes and surges, and the full output rating is available for battery charging.
- Minimizes interference with TVs, radios, and emergency channels per FCC Class B certification.
- Quiet operation. The only sound comes from a small cooling fan.
- DC Output is 14.0 max. volts @ no load, 13.2 volts max. at full load.
- The included fuse panel provides two 30 amp fuses for reverse polarity battery protection and capability up to nine DC load branch circuits.
- Two-year warranty.

Converter/Charger Lower Section & Upgrade:

18024 45 Amp. Output #7345RU 1

12411 55 Amp. Output #7355RU 1

REPLACEMENT DOOR LATCH FOR CONVERTERS



14985 Door Latch #13516372



PARALLAX 7400 SERIES DECK-MOUNTED CONVERTER/CHARGER The Most Proven Power... Quiet, Clean, and Clear.



- Filtered DC power is free from spikes and surges.
- Full output rating is available for battery charging.
- Minimal signal interference with TVs, radios, and emergency channels per FCC Class B certification.
- Quiet operation. The only sound comes from the cooling fan.
- UL/CUL listed.

- Optional two-step charging provides expedient recharging and reliability through long-term park and storage periods.
- Weighs just 7.5 pounds; Dimensions: 4-1/8" H, 7" W, 12-3/8" L.
- Mounts in any position, including upside-down.
- Two-year warranty.

Order #	Model	Description	AC Input		DC Output	
			Volts	Watts	Volts	Amps
12899	#7430	30 Amp Converter/Charger	105-130 60Hz	490	13.85 max. @ no load 13.2 min. @ full load	30
12412	#7440	40 Amp Converter/Charger	105-130 60Hz	670	13.85 max. @ no load 13.2 min. @ full load	40
18186	#7445	45 Amp Converter/Charger	105-130 60Hz	775	13.85 max. @ no load 13.2 min. @ full load	45
18187	#7455	55 Amp Converter/Charger	105-130 60Hz	975	13.85 max. @ no load 13.2 min. @ full load	55
14399	#7465	65 Amp Converter/Charger	105-130 60Hz	1120	13.85 max. @ no load 13.2 min. @ full load	65

7300 SERIES POWER CENTER ELECTRONIC CONVERTER/CHARGER

The RV Industry's Most Popular Power Center.

- Combines AC/DC distribution and converter/charger in one space-efficient package.
- Filtered power is free from spikes and surges.
- Minimizes interference with TVs, radios, and emergency channels per FCC Class B certification.
- Quiet operation.
- Accommodates five AC branches and nine DC fuse circuits. **(fuses and circuit breakers not provided).** The full output rating is available for battery charging, virtually eliminating dead or drained batteries.
- 14" W x 11.75" H x 7" D; Weight: 20 lbs.
- Two-year warranty.

For smooth appliance operation and bright flicker-free lighting.



The electronic converter/charger provides reliable battery charging and filtered output.

Order #	Model	Description	AC Input		DC Output	
			Volts	Branches	Volts	Amps
13046	#7345	Power Center with 45 ADC Converter/Charger	120	5	14.0 max. @ no load 13.2 max. @ full load	45
14518	#7345R	45 ADC Converter/Charger Lower Section Only	N/A	N/A	14.0 max. @ no load 13.2 max. @ full load	45
13047	#7355	Power Center with 55 ADC Converter/Charger	120	5	14.0 max. @ no load 13.2 max. @ full load	55
14517	#7355R	55 ADC Converter/Charger Lower Section Only	N/A	N/A	14.0 max. @ no load 13.2 max. @ full load	55



Safety and Convenience for Power Transfer.



PARALLAX POWER SUPPLY LINE GENERATOR SWITCHES

MODEL ATS™ 301

- For 30Amp, 120-volt electrical systems** —
- Allows changeover of power between shoreline cord and generator controlled from inside the RV.
 - Can be used as deck-mount or mounted to the back of Parallax Power Centers.
 - Reliable electronic operation.
 - Generator time delay for load stabilization.
 - Chatter-free operation under low line voltage conditions.
 - Weight: 3.5 lbs.
 - 6" W x 4-1/8" D x 4-7/16" H.

14611 ATS 301 Line Generator Switch, 30 Amp./120 Volt #ATS301 1



Safe, convenient power transfer for 50 Amp, 120/240-volt systems

MODEL ATS™ 501

With a flick of the generator switch, the ATS 501 line generator switch from Parallax transfers power smoothly between shoreline power and generator/secondary power source, regardless of line voltage conditions. ATS 501 is engineered for superior reliability in 50 Amp, 120/240-volt electrical systems (per the new UL Standard 1008). Electronic circuit board design is proven in extensive cycle testing to withstand heat and torque. The low-profile chassis measuring just 3-1/2" high allows mounting in areas not possible with other 50 Amp transfer switches, and installation can be made without cover removal. Manual shut-off for time delay optimizes use with inverters. 8-3/4" W x 3-1/2" H x 11-3/4" D. 7 lbs.

16600 50 Amp, 120/240 Volt #ATS501 1



PARALLAX POWER SUPPLY PARAMODE

TempAssure Temperature Compensated Battery Charging featured on the Paramode Deck Mount Converter

TempAssure senses ambient temperature to continuously ensure proper battery charging. TempAssure provides higher charge voltages in colder weather, and lower charge voltages in hotter weather, to ensure reliable charging no matter where you are. Helps extend battery life and helps prevent dead and drained batteries. Paramode/TempAssure provides filtered DC power and quiet operation. TempAssure compensation is a true breakthrough in RV power supplies!

- 11" L x 8-3/8" W x 3-5/8" H; 6.5 pounds.
- DC output (Model 4455): 55 amps.

14615 Paramode #4455TC 1



PARALLAX POWER SUPPLY 90A DECK MOUNT CONVERTER

A 90 ampere DC output Converter/Charger with active Power Factor Correction technology!

With Power Factor Correction the ParaMode 5490 uses 120V AC input current much more efficiently, producing 90 amperes of DC output current, yet draws only the AC input current previously required for a 55-65 ampere DC output unit.

Input: 105-130V AC, 50/60 Hz, 1550W
Output: 13.6V AC, 90ADC
12" W x 12" W 4" H, 12lbs.

11045 90A Deck Mount Converter #5490 1

SUNFORCE 12V POWER CONVERTER -GM-1200



- Converts 110V AC Wall Outlet into a 12V DC Plug.
- Use Your 12V Products at the Home, Office or on the Road.
- Output: 12V DC-5.8A, Input: 100-120VAC and 50/60Hz 1.8A.
- Use with Coolers, Spotlights, Fans, Cell Phones.
- AC/DC converter, 5.8 amps. Unit weight: 1 lb, shipping weight, 1.3 lbs.

10002 12V Power Converter, GM-1200 #55522 20



BATTERY DOC® CHARGERS

We are proud to introduce the newest members of the **Battery Doctor®** 12V and fuse block accessory family! Ideal for RV's, motorcycles, boats, cars, ATV's, gas powered golf carts and other applications where space is tight. All are manufactured in an ISO approved factory and are individually tested for quality control.

- Engineered with the most advanced charging technology.
- Ultra light and compact.
- Won't harm your battery/dual charge mode.
- Short circuit and reverse polarity protected.

MASTER DOCKING STATION – DOC-KING™

Simply the lowest cost, most convenient solution to the complex challenge of keeping multiple batteries in peak operating condition! Designed for use with WirthCo's BATTERY DOC® WALL MOUNT I or II, the DOC-KING™ Station holds up to 5 Wall Mount I and/or II chargers/maintainers...in either a wall mount or floor mount position. DOC-KING™ insures that all chargers receive ventilation for safe and full charging – simultaneously.



15403 Doc-King, 7' cord #20035 1

In Section D:	Meters/Testers	Wiring	Fuses	12V Accessories	Battery Accessories	Chargers & Inverters	Cords & Adapters	Box/Hatch	Switches
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DELTRAN BATTERY TENDER CHARGER/MAINTAINER

Battery Tender Products are perfect for storage periods and when the RV isn't being used to maintain batteries at 100% at all times. Also the chargers will not overcharge and boil the battery like the chargers currently on your RV.



BATTERY TENDER® JUNIOR 12V-0.75A CHARGER/MAINTAINER

The Battery Tender Junior is much more than a trickle charger. It has a brain. It's lightweight, compact, and fully automatic; very easy to use, especially in small spaces. It will keep your battery fully charged so that it is ready to go when you are!

- Perfect for all lead-acid, flooded or sealed maintenance free batteries (AGM and gel cell).
- Complete 4-step charging program (Initialization, Bulk Charge, Absorption Mode, Float Mode).
- Automatically switches to float / maintenance voltage after fully charging the battery.
- If the battery voltage drops too far under load, full charge output power resumes.
- Solid state two color LED indicates stage of charger.
- Spark proof.
- Reverse polarity protected.
- 12' output cord.
- 5-yr. warranty!

16847 Battery Tender® Junior, 750mA 12V #021-0123 12



POWER TENDER PLUS 12V -5A

WATERPROOF, Shock & Vibration Resistant, Lightweight (LESS THAN 4 POUNDS), compact charger designed for either portable operation or permanent mounting. Charges and maintains both flooded and sealed, maintenance free, AGM, lead acid batteries. Float / Maintenance function maintains batteries at proper storage voltage without the damaging effects caused by trickled chargers. The Power Tender PLUS is easy to use, it's rugged, its compact, it's packed with power, and it's backed by the reputation of the undisputed battery charger industry leader, DELTRAN.

- Microprocessor Controlled, BTP Technology
- Charges both flooded & sealed maintenance free lead acid batteries.
- Charges any size (capacity) lead acid battery.
- Reverse Polarity Protection (VIA EXTERNAL IN-LINE FUSE).
- Complete FOUR-Step Charging Program (Initialization, Bulk, Absorption, & Float / Maintenance).
- 2-yr. Warranty !

16852 Power Tender® Plus, 5.0A 12V #022-0157-1 6



BATTERY TENDER® WATERPROOF 800

The engineers at Deltran led the way in innovation and convenience by introducing the International Battery Tender® Waterproof 800. Since its introduction in 2003, it has been widely accepted as a solid new addition to the Battery Tender® family of charger products. This compact 800 mA battery charger has all the charge characteristics of its cousin the Battery Tender Junior. It incorporates highly efficient surface mount technology electronic components. The interior is completely encapsulated, protected from shock, vibration, and moisture by an electrically insulating, thermally conductive, flame retardant, UL recognized, synthetic epoxy resin compound. It's tough, affordable, and a strong, innovative battery charging solution.

This charger is no larger than a standard computer mouse yet packs 800 millamps of pure constant current charging power. Coupled with a brain (IC chip), the charger will constantly monitor, charge, and then maintain your battery --- even while totally submerged under water! Perfect for all outdoor types of ATV's, watercraft, motorcycles, boats, or anywhere water is a threat. International universal input voltage works anywhere in the world 100-240 AC Volts 50/60 Hz.

- "Supersmart" Technology
- Spark Proof
- Short Circuit Protected
- Reverse Polarity Protected
- Waterproof
- Weighs only 1 Pound
- 3-yr. warranty!

16848 Battery Tender® Waterproof 800, 800MA 12V #022-0150-DL-WH 12

RING TERMINAL HARNESS

Ring Terminal Harness
Accessory for use with multiple batteries. Quick Disconnect. For 12-volt models only. Contains a 3-amp fuse. Black.



17333 Ring Terminal Harness, 2' long #081-0069-6 1

BATTERY TENDER PLUS 12V - 1.25A

The Battery Tender Plus is a 1.25-amp battery charger designed to fully charge a battery and maintain it at proper storage voltage without the damaging effects caused by trickle chargers. Included is a quick connect harness for hard to reach areas. Temperature compensated to ensure optimum charge voltage according to ambient temperature. Automatically switches from full charge to float



Operates Anywhere in the World!

2-BANK INTERNATIONAL BATTERY TENDER CHARGING STATION

The 2-Bank Battery Tender Charging Station is two encased 1.25-amp battery chargers designed to fully charge a battery and maintain it at proper storage voltage without the damaging effects caused by trickle chargers. This charger will operate anywhere in the world!

- 2 independent charging stations.
- 12V 1.25A per station.
- Extremely lightweight! Less than 3 lbs!
- Operates anywhere in the world! 100-240 VAC 50/60 Hz.
- 25 ft leads available by S/O.
- Microprocessor controlled constant current charging!
- Reverse Polarity Protected.
- Spark Proof.
- Perfect for all AGM (absorbed glass mat), sealed maintenance free and flooded batteries.
- Complies with US and international safety standards (UL/CE).
- 2-yr. warranty!

16850 Battery Tender 2-Bank, Dual Output, 1.25A 12V #022-0165-DL-WH 8

4-BANK INTERNATIONAL BATTERY TENDER CHARGING STATION

The 4-Bank Battery Tender Charging Station is four encased 1.25-amp battery chargers designed to fully charge a battery and maintain it at proper storage voltage without the damaging effects caused by trickle chargers. This charger will operate anywhere in the world!

- 4 independent charging stations.
- 12V 1.25A per station.
- Extremely lightweight! Less than 3 lbs!
- Operates anywhere in the world! 100-240 VAC 50/60 Hz.
- 25 ft leads available by S/O.
- Microprocessor controlled constant current charging!
- Reverse Polarity Protected.
- Spark Proof.
- Perfect for all AGM (absorbed glass mat), sealed maintenance free and flooded batteries.
- Complies with US and international safety standards (UL/CE).
- 2-yr. warranty!

16851 Battery Tender 4-Bank, Dual Output, 1.25A 12V #022-0148-DL-WH 6

charging mode. • Battery Tender at 1.25-amp will charge as fast or faster than any 3-amp charger available. • Reverse Polarity Protection to ensure user safety. Red & Green Lights Alternately Flash in this condition. • Complete 4-step charging program (Initialization, Bulk Charge, Absorption Mode, Float Mode).

16849 Battery Tender® Plus, 1.25A 12V #021-0128 12

**COLEMAN®
SOLAR BATTERY MAINTAINERS &
TRICKLE CHARGERS**

Use the sun's energy to maintain the charge of 12V batteries which power motorcycles, personal water crafts, ATV's, snowmobiles. Fully weatherproof. Easy connection to the battery. Maintenance free. Built in overcharge / discharge protection. Works in all daylight conditions. Maximum power output : 1 watt. Temperature range -40 to 176 F. Dim.: 19-1/2" L x 5-7/8" W x 1-1/2" H (49.5 x 15 x 4 cm). Weight: 1.6 lbs (0.72Kg).

14722 Coleman® 1 Watt Solar Power Sport Charger
#58013 *24*



Maintain 12V battery charge by using the sun's power for car's, SUV's, ATV's. Battery clamps Included. Also includes 12V DC plug to plug into 12V car plug. Mounts on Windshield with Included Suction Cups. Made of Durable ABS Plastic & Amorphous Solar Cell. Maintenance free, charges in all weather conditions. Temperature range -40 to 176 F. Max Output 2 Watts 133 Mah. Dim.: 19-5/8" L x 6-1/2" W x 1-1/8" H (50 x 16.5 x 3 cm). Weight: 1.8 lbs (0.82Kg).

14818 Coleman® 2 Watt Solar Battery Maintainer
#58012 *24*



Trickle charge and maintain your 12V battery. Completely weatherproof, use indoors or outdoors. Built in blocking diode protects battery discharge at night. Temperature range -40 to 176° F. Max output 6W 400 Mah. Includes: 4 Pre cut holes for easy installation; 4 Stainless Steel Screws; 9.5 Ft wire; 12V DC Plug; Battery Clamps; Quick Connect technology. Dim.: 18" L x 1-1/2" W x 14-1/2" H (45 x 3 x 36 cm). Weight: 4.6 lbs (2.1Kg)

14834 Coleman® 6 Watt Solar Battery Trickle Charger
#58022 *12*



Works with Automobiles, RV's, Boats, Tractors, ATVs, Electric Fences, Deer Feeders, Telemetry, and more. Maintenance Free/Easy Installation. Works in All Weather Conditions. Built-in Blocking Diode Protects Battery Discharge at Night. Made of Durable ABS Plastic with an Amorphous Solar Cell. Temperature Range: -40° to 176° F. Max Output 18 Watts 1.2 Amp. Dim.: 38" L x 13-1/2" W x 1-1/2" H (96.52 x 34.29 x 3.81 cm). Weight: 10.8 lbs (4.90Kg).

14841 Coleman® 18 Watt Solar Battery Charger
#58032 *4*



Works with Automobiles, RV's, Boats, Tractors, ATVs, Electric Fences, Deer Feeders, Telemetry, and more. Maintenance Free / Easy Installation. Works in All Weather Conditions. Built-in Blocking Diode Protects Battery Discharge at Night. Made of Durable ABS Plastic with an Amorphous Solar Cell. Temperature Range: -40&730; to 176&730; F. Max Output 18 Watts 1.2 Amp. Dim.: 38" L x 13-1/2" W x 1-1/2" H (96.52 x 34.29 x 3.81 cm). Weight: 15 lbs (6.80Kg).

Includes: • Pre Cut Holes for Easy Installation. • 4 Stainless Steel Screws. • Battery Clamps. • CLA Adapter. • 12ft Wire. • 7 Amp Charge Controller.

14658 Coleman® 18 Watt Solar Battery Charger Kit
#58033 *4*



SOLAR VENT

Powered by sunlight. Easy installation, no wires required.

Silent secure ventilation. No running costs. Helps reduce humidity. Can be mounted in polycarbonate, glass, wood, metal and more. Dim.: 9.5" L x 9.5" W x 3.5" H (24 x 24 x 8.89 cm). Weight: 2.2 lbs (1Kg).

14843 Solar Stainless Steel Vent
#81300 *6*

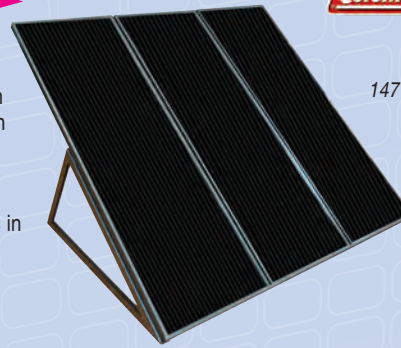


In Section D:	Meters/Testers	Wiring	Fuses	12V Accessories	Battery Accessories	Chargers & Inverters	Cords & Adapters	Box/Hatch	Switches
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COLEMAN® SOLAR KITS

Complete solar power generator kit. Create power for homes, boats, RVs, backup and remote power use. Portable & easy setup. Works with 12V & 110V appliances. Weatherproof and maintenance free. Works in all daylight conditions. Includes rugged metal frame, junction box for multiple panel connection, 12V DC plug and alligator battery clamps, mounting screws and extra wiring, 12V female socket for powering 12V products, inverter and 7 Amp charge controller. There are 3 panels in the 55 Watt kit (18.3 watts each). The shipping dimensions are 11" x 44-1/4" x 15-1/2". Weight: 60 lbs (27.2Kg).

14716 Coleman® 55 Watt Solar Kit
#58050 1



14716



Generate power for homes, boats, RVs, backup and remote power use. High efficiency monocrystalline solar cells. Weatherproof. Mounting hardware & wiring included. Ideal for areas with high sun exposure.

85-W Solar Panel.
Dim.: 51" L x 26" W x 3-1/2" H
(129 x 68 x 9 cm). Weight: 24.2 lbs (11Kg).

14717 Coleman® 85 Watt Crystalline Solar Panel #37850 1

130-W Solar Panel.
Dim.: 59" L x 26-3/4" W x 2-3/4" H
(150 x 68 x 7 cm). Weight: 34.2 lbs (15.5Kg).

14721 Coleman® 130 Watt Crystalline Solar Panel #38110 1



14717



14721

Also refer to page 64 for 12V Power Converter from Sunforce Products.



COLEMAN® CHARGE CONTROLLERS



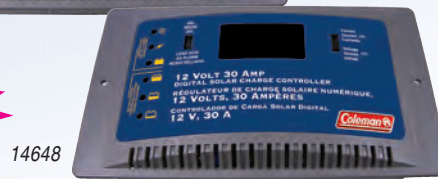
14600

Prevents overcharging of 12 Volt batteries. Maintenance free protection of your solar panel and batteries. Maintains 12 Volt batteries in fully charged state. LED indicators indicate charging and fully charged battery states.
Dim.: 7-5/8" L x 4-5/8" W x 2-1/4" H
(19.5 x 12 x 5.5 cm).

14600 7 Amp Solar Charge Controller
#68012 24



14642



14648

Protect Battery from Overcharge and Discharge. For Use with 12 Volt Solar Panels and Batteries Only. Handles up to 30 Amps of Array Current. Handles up to 500 Watts of Solar Power. Maintenance Free Protection of Your Solar Panel and Batteries. Maintains Battery Voltage. Maintain 12V Batteries in a Fully Charged State.
Dim.: 8-3/4" L x 10-1/4" W x 2-5/8" H
(22.5 x 26 x 6.5 cm).

14642 30 Amp Solar Charge Controller
#68022 20

This unit comes with a digital display.

14648 30 Amp Digital Solar Charge Controller, w/display #68032 20



FOR MORE INFORMATION
PLEASE VISIT
WWW.SUNFORCEPRODUCTS.COM

Progressive Dynamics, Inc.
The Source of Bright Ideas Since 1964

INTELI-POWER SERIES™

The really intelligent way to manage power in your RV!



Intel-Power Series Converters and Power Centers from Progressive Dynamics have our exclusive Charge Wizard® technology. It constantly monitors voltage status and manages your RV battery and extends the life.

Standard features on Intel-Power Converter and Power Centers:

- Reverse battery protection – prevents damage from improper battery lead connection.
- Filtered DC power delivery – provides safe and reliable service.
- Electronic current limiting – automatically reduces output voltage when maximum capacity is reached.
- Low line voltage protection – protects appliance from damaging low voltage irregularities.
- Our Intel-Power Series™ models – Can recharge your RV battery to 90% efficiency in just a couple of hours using ChargeWizard technology.
- Variable speed intelligent cooling fan – automatically monitors unit temperature and activates fan at required speed.
- Hi voltage protection – protects unit from spikes or surges of voltage over 135 Volts.
- Automatic thermal shutdown – activates when unit temperature exceeds 150°F and protects unit from damage due to excessive heat.



Progressive Dynamics, Inc.

INTELI-POWER 9100® SERIES



9100 Series
Intel-Power™ Converters provide safe, reliable, filtered DC power to all 12-Volt lighting and appliance circuits. The built in Total Charge Management System (TCMS) allows for easy addition of the optional Charge Wizard,® a microprocessor-controller that constantly monitors the RV battery status and automatically selects one of four charging modes: **Boost Mode** - (14.4) to quickly bring the battery to 90% of full charge, **Normal Mode** - (13.6) safely completes the charge, **Storage Mode** - (13.2), automatically activates after 30 hours of non-use or **Desulfation Mode** - (14.4), for 15 minutes every 21 hours to prevent battery stratification and sulfation (the leading cause of battery failure).



Input: 105-130 VAC, Output: 13.6 VDC
Dimensions: 4.5"H x 8.25"L x 7.25"W, Weight: 4 lbs.

12043 30 Amps #PD9130V 6

Input: 105-130 VAC, Output: 13.6 VDC
Dim.: 4.5"H x 8.25"L x 7.25"W, Weight: 4.5 lbs.

11727 40 Amps #PD9140AV 6

Input: 105-130 VAC, Output: 13.6 VDC
Dim.: 4.5"H x 8.25"L x 7.25"W, Weight: 4.5 lbs.

12438 45 Amps #PD9145AV 6

Input: 105-130 VAC, Output: 13.6 VDC
Dim.: 3.6"H x 8"L x 9"W, Weight: 5.8 lbs.

11728 60 Amps #PD9160AV 1

Input: 105-130 VAC, Output: 13.6 VDC
Dim.: 3.6"H x 11.5"L x 9"W, Weight: 7.5 lbs.

12045 80 Amps #PD9180V 6



Plug-in a TCMS Charge Wizard®

The intelligent way to automatically charge batteries! Progressive Dynamics' Charge Wizard is a powerful microprocessor that turns your Intel-Power 9100 Converter into an intelligent and completely automatic 12-VOLT charging system.

11726 Charge Wizard #PD9105V 6



CONVERTERS & POWER CENTERS

INTELI-POWER 9200™ SERIES



Intel-Power 9200™ Series Converters with BUILT-IN Charge Wizard® will recharge your RV's battery to 90% in 2-3 hours. Many converters only have one charging mode, 13.6 VOLTS, which can result in battery boil-off. The 9200 Series converters have FOUR charging modes: BOOST (14.4 VOLTS), NORMAL (13.6 VOLTS), STORAGE (13.2 Volts) and DESULFATION (13.2 VOLTS with a 15 minute 14.4-VOLT burst every 21 hours).

Boost Mode – Rapidly brings RV battery up to 90% of full charge.

Normal Mode – Safely completes the charge or maintains the charge.

Storage Mode – Maintains charge with minimal gassing or water loss during periods of non-use or storage.

Input: 105-130 VAC, Output: 13.6 VDC
Dim.: 4.5"H x 8.25"L x 7.25"W, Weight: 4.5 lbs.

14390 45 Amps #PD9245CV 6

Input: 105-130 VAC, Output: 13.6 VDC
Dim.: 3.6"H x 8"L x 9"W, Weight: 5.8 lbs.

14391 60 Amps #PD9260CV 6

Input: 105-130 VAC, Output: 13.6 VDC
Dim.: 3.6"H x 8"L x 9"W, Weight: 5.8 lbs.

14392 70 Amps #PD9270V 1

Input: 105-130 VAC, Output: 13.6 VDC
Dim.: 3.6"H x 11.5"L x 9"W, Weight: 7.5 lbs.

14393 80 Amps #PD9280V 1



Retail Model Pendant

Plugs into the accessory port to show charger/converter status and allows for manual mode selection. The Pendant is included with all retail models.

S/O Retail Model Pendant #PD92201



INTELI-POWER 4600™ SERIES



Intel-Power 4600™ Series Lower Section Replacement/ Upgrade Converters for RV power systems are as close as you can get to a "universal" replacement. The 4600 Series Converters can be used to replace the lower section converters in Magnatec, Parallax and WFCO® power centers. They are MADE IN AMERICA and have the same impressive quality, performance, reliability and multi-patented features, including the incredible CHARGE WIZARD® built-in. The Intel-Power 4600™ Series Converters are WHAT YOU NEED FOR RELIABLE 12 VOLT POWER!
Size: 13.375"W x 8.125"D x 5.875"H

17382 35 Amp Converter/Charger Repl. Section #PD4635 4

17383 45 Amp Converter/Charger Repl. Section #PD4645 4

17385 55 Amp Converter/Charger Repl. Section #PD4655 4



INTELI-POWER 4000™ SERIES



The PD4000 Series "Mighty Mini", is a compact All-In-One AC/DC Distribution Panel and Intel-Power Converter with built-in Charge Wizard®. Compact & lightweight, the PD4000, has front access to a large wiring compartment. The Snap Lock cover stays shut while traveling yet opens with a touch. The AC Distribution Panel is rated for 120 VAC at 30 AMPS. The DC section has up to 12 branch fuse holders. The "Mighty Mini" is available in a 45 AMP model. Dim.: 12.25"W x 8.875"H x 5.625"D.

Note: 30 AMP main breaker and AC breakers are not included and shown for reference only.

10472 Distribution Panel 45 Amp. Mighty Mini #PD4045KV 6

10450 Replacement Converter 45 Amp. #PD4045CSV 6

INTELI-POWER 4500™ SERIES



INTELI-POWER 4300™ SERIES



The PD4500 Series is the Ultimate All-In-One AC/DC Distribution Panel and Intel-Power Converter/Charger. The AC Distribution Panel is rated for 240 VAC @ 50 AMPS. The DC section

has up to 18 branch fuse holders. Available with either a 60 or 90 AMP Intel-Power Converter, it's the largest converter/ charger available in the industry. The patented built-in Charge Wizard® reduces RV battery recharge time and increases battery life, while reducing battery sulfation and maintenance problems. Panel Size: 11.85"W x 14.125"H x 8.5"D. **Note:** AC breakers not included and shown for reference only.

17390 60 Amp Converter/Charger Repl. Section #PD4560CSV 1

17392 60 Amp All In One Converter/AC/DC/ Panel #PD4560K12LV 1

17394 90 Amp Converter/Charger Repl. Section #PD4590CSV 1

17396 90 Amp All In One Converter/AC/DC/ Panel #PD4590K18LV 1

The PD4300 Series AC/DC Distribution Panel has front access to a large wiring compartment and a snap lock cover that stays shut while traveling yet opens with a touch. The PD4300 is rated for 120 VAC at 30 AMPS, is available with either a 45 or 60 AMP Intel-Power converter and features a status indicator and mode control button for the built-in Charge Wizard®. The DC panel accommodates up to 12 branch fuse holders with maximum rating of 20 AMPS each.

Dim.: 11.85"W x 14.125"H x 8.5"D. **Note:** 30 AMP main breaker and AC breakers are not included and shown for reference only.

4300 Series Power Converter :

10501 45 Amp #PD4345K12LV 6

10515 60 Amp #PD4360K12LV 6



DC-AC Modified Sine Wave Inverters - SAM Series

Modified sine wave AC-DC power inverters are ideal for powering office equipment, television, power tools and lighting systems from your car, truck, boat, RV, solar system, or battery.



14076

14077

100 Watt Modified Sine Wave Inverter

- USB charging port: 5 VDC, 500 mA.
- Compact design with cigar lighter plug.
- Protection: low battery, over temperature, over voltage, overload, short circuit, earth fault.
- LED indicator for power status.

250 Watt Modified Sine Wave Inverter

- USB charging port: 5 VDC, 500 mA.
- Compact design with cigar lighter plug included.
- Load controlled cooling fan.
- Low battery input alarm.
- Universal protection circuit: thermal, battery, overload, short circuit, earth fault.
- Soft start technology.
- Cool surface technology.
- Low interference technology.

14078

450 Watt Modified Sine Wave Inverter

- USB charging port: 5 VDC, 500 mA.
- Compact design with cigar lighter plug included.
- Load controlled cooling fan.
- Low battery input alarm.
- Universal protection circuit: thermal, battery, overload, short circuit, earth fault.
- Soft start technology.
- Cool surface technology.
- Low interference technology.

14079

800 Watt Modified Sine Wave Inverter

- Same great features as the 450W Power Inverter but without the cigar lighter plug.

2000 and 3000 Watt Modified Sine Wave Inverters

- Compact design.
- Load controlled cooling fan.
- Low battery input alarm.
- Universal protection circuit: thermal, battery, overload, short circuit, earth fault.
- Soft start technology.
- Cool surface technology.
- Low interference technology.

14158

14183

1000 and 1500 Watt Modified Sine Wave Inverters

- Compact design.
- Load controlled cooling fan.
- Low battery input alarm.
- Universal protection circuit: thermal, battery, overload, short circuit, earth fault.
- Soft start technology.
- Cool surface technology.
- Low interference technology.

14232

14080

Order #	Model	Description	DC Input	AC Output	Watts	Weight (lbs)	Dimensions L" x W" x H"	AC Receptacle	Warranty	Price
14076	SAM-100-12	100W Power Inverter	12 VDC	115 VAC	100W	0.3	5.1 x 2.5 x 1.5	One	2 Year	
14077	SAM-250-12	250W Power Inverter			250W	0.9	5.9 x 4.5 x 1.8			
14078	SAM-450-12	450W Power Inverter	12 VDC	115 VAC	450W	1.3	6.0 x 6.1 x 2.2	Two	2 Year	
14079	SAM-800-12	800W Power Inverter			800W	2.9	8.6 x 7.1 x 2.4			
14232	SAM-1000-12	1000W Power Inverter			1000W	3.7	9.8 x 7.1 x 2.3			
14080	SAM-1500-12	1500W Power Inverter	12 VDC	115 VAC	1500W	7.1	11.1 x 8.0 x 3.3	Three	2 Year	
14158	SAM-2000-12	2000W Power Inverter			2000W	8.5	13.6 x 8.0 x 3.3			
14183	SAM-3000-12	3000W Power Inverter			3000W	11.8	16.5 x 8.0 x 3.3			
14075	SAM-RC	Inverter Remote Control for SAM-1000, 1500, 2000, 3000	12 VDC	-	-	-	4.5 x 2.75	-	2 Year	

All SAM-Series Inverters are Listed by ETL to UL Safety Standard 458.



- 10 ft of cable with 8P Modular Connector (RJ45).
- Bar Meter Monitor for battery charge level and output power.
- LED indicator lights for: Over voltage protection, under voltage protection, over temperature protection, and over load protection.



14075

DC-AC Pure Sine Wave Inverters

High Efficiency microprocessor controlled Pure Sine Wave DC-AC inverters. Features include overload, short circuit, over-temperature, under & over voltage protections, low power saving mode to conserve energy. FCC approved.

Samlex SSW Series Pure Sine Wave Inverters offer industry leading features and are ideal for powering office equipment, television, DVD, Video Games, battery chargers and other sensitive loads from your car, truck, boat, RV, or Solar System batteries. Value priced and rated at true continuous output, the Samlex SSW series is the simple choice whenever and wherever you need reliable, true sine wave power.

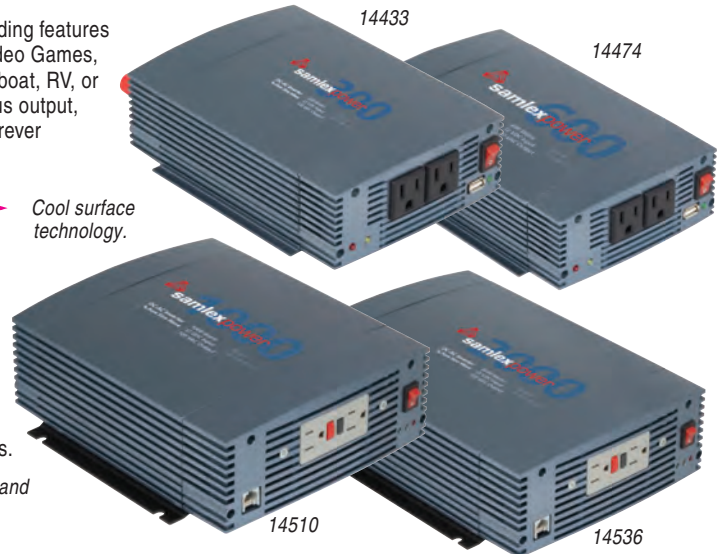
- Rated at Continuous Output Rating.
- Economically Priced.
- Compact, space saving design.
- High Performance, High Surge Power.
- True Sine Wave Output for sensitive loads.
- Samlex "Soft Start" and "Low Interference" Technology.
- 300 and 600 watt models include USB charging port.
- Universal Protection Circuit: Thermal, battery, overload, short circuit, and earth fault.
- Backed with 2-yr. limited Warranty by one of the world's leading inverter manufacturers.



Remote control panel with informative LCD window and wiring is included at no extra charge with all 1000W and 2000W models (see below).

NEW!

Cool surface technology.



Order #	Model	Description	DC Input	AC Output	Watts	Weight (lbs)	Dimensions L" x W" x H"	AC Outlets	Warranty	Price
14433	SSW-300-12A	300W Pure Sine Wave Inverter	12 VDC	115 VAC	300W	1.5	8 x 6.2 x 2.2	Two (Standard NA outlet)	2 Year	
14474	SSW-600-12A	600W Pure Sine Wave Inverter			600W	2	9.2 x 6.2 x 2.3			
14510	SSW-1000-12A	1000W Pure Sine Wave Inverter	12 VDC	115 VAC	1000W	5.7	10.6 x 8.9 x 3.5	Two (NA GFCI outlet)	2 Year	
14536	SSW-2000-12A	2000W Pure Sine Wave Inverter			2000W	8.4	12.4 x 8.9 x 3.5			

SSW Series Inverters are Pure Sine Wave and are Listed by ETL to UL Safety Standard 458.

NA stands for North American

A battery charger, an inverter and a transfer switch – all in one device. Samlex's Generation 4 InverCharge combines three devices into one for convenience and efficiency.

Pure Sine Wave Inverter Chargers are heavy-duty inverters generating a pure sinusoidal wave from a 12V battery bank with built-in AC charger & Transfer Relay for UPS function.

G4-2012A Pure Sine Wave Inverter-Charger

- Reliable, Durable and Economical Power for Grid and Mobile Applications.
- Microprocessor based Inverter/Charger provides Ultra-clean pure sine wave output with less than 5% total harmonic distortion.
- Surge power.
- Low sleep mode power consumption of less than 5W.
- Phase & frequency synchronization option for seamless transfer times.
- Programmable 100 A, 3 stage battery charger with optional Equalization mode.
- Intelligent design allows charger to operate in parallel with Solar or Wind powered chargers.
- Control panel with large LCD and can be detached for use as a remote control.
- Safe and Reliable ETL listed to UL standards 458 for mobile use and UL 1741 for distributed power installations (pending).
- Easy to install, easy to maintain, and built for years of reliable service. 2000W continuous power.
- 18.7" L x 8.6" W x 7.3" H, weighs 51 lbs.
- 2-yr. warranty.



ETL listing to UL 1741 and UL 458 (pending)

NEW!

SA-3000K-112 Pure Sine Wave – DC-AC Power Inverter, 12 VDC - 110 VAC

High performance commercial grade pure sine-wave inverter

- Power ON / OFF remote control available (Models S-R6-12, S-R6-24, S-R8 sold separately).
- Isolated input and output.
- Load controlled cooling fan.
- Advanced microprocessor design.
- Output frequency 50 / 60 Hz switch selectable.
- Power saving mode to conserve energy.
- Protections: overload / short circuit, reverse polarity (fuse), over / under input voltage, over temperature.
- Tri-color indicators display input, output level & failure status.
- True sine wave output (THD < 3%).
- 3000-watt maximum continuous power, 6000-watt surge capacity.
- Applications: Home and Office appliances, Power tools and Portable equipments, Vehicle, Yacht and Solar power systems ...etc.
- 17.8" L x 8.2" W x 6.5" H, weighs 22 lbs.
- 2-yr. warranty.



NEW!

Order #	Model	Description	AC Outlets	Price
14547	SA-3000K-112	3000W Pure Sine Wave Inverter	Two	

Order #	Model	Description	Price
14546	G4-2012A	2000W PSW Inverter/Charger	



samlexamerica