samlexsolar

A Division of Samlex America Inc.

RV Solar Power Guide

- Solar Charging Kits
- Charge Controllers
- Battery Chargers
- Inverters
- Accessories

Power your AC devices using energy from the sun



Index

Persunal Solar	2
How an RV Solar System works	3
Solar Charging Kits	4
Solar Expansion Kits	5
Charge Controllers	6
Pure Sine Wave Inverters	
InverCharge	9
Modified Sine Wave Inverters	10
Inverter Remotes	11
Inverter Installation Kits	12
Battery Chargers	
Transfer Switches	14
Complete Solar Systems: Nomad 120	15-16
Complete Solar Systems: Nomad 240	17-18
Sizing Chart	
Additional Power Products	21
Customer Support	22



Persunal Solar

Solar Power doesn't have to be complicated.

Whether you want to brew a cup of coffee, power up your tools or tune in to your favorite TV program, we can make the process as simple as turning on the switch.

Why use solar? Enjoy the sound of nature rather than a noisy generator or campsite. Maintenance free and good for the environment, your mobile solar system will pay for itself over and over as it preserves your batteries and saves you campsite hook-up fees.

Samlex provides Persunal Solar solutions for everyday people. Easy to install and easy to operate, you don't need to be technically savvy to start using solar, we've got it covered.

Looking for a solar solution for your RV or utility vehicle? Try one of our plug and power kits. Not sure how much power you need? Go to persunalsolar.com and use our easy Solar Sizing Calculator. You tell us what you want to power and we'll tell you how.

We have all the parts you'll need to complete your solar system: solar panels, charge controllers, inverters, battery chargers, transfer switches and all of the accessories to go with them.

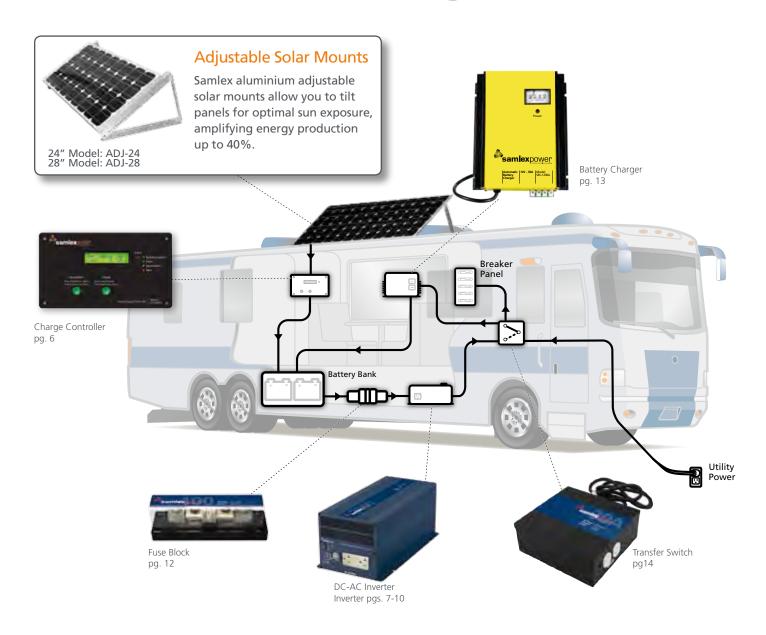
A family run business since 1991, Samlex is a global supplier of alternative energy products backed by the best customer service in the industry.

Sustainable AC power when you need it, where you need it.

Samlex is Persunal Solar made simple.



How an RV Solar System works





Solar Charging Kits

Keep the batteries in your RV or utility vehicle charged and healthy.

With Samlex Solar Charging Kits, you can charge and maintain your RV batteries using sustainable energy from the sun.

MODEL	SOLAR PANEL	PANEL WEIGHT	PANEL DIMENSIONS	CHARGING POWER
SRV-50-KIT	50W	14.4lbs	30.82"x26.33"x1.38"	3.2 Amps
SRV-85-KIT	85W	18lbs	47.5"x21.75"x1.38"	5.2 Amps
SRV-120-KIT	120W	26.5lbs	57.91"x26.22"x1.38"	7.4 Amps



What's in your kit:

1



SCC-30AB



SCW-20-2



Solar Panel

Samlex solar panels are constructed with top of the line solar cells and materials that comply with the highest industry standards.

- High efficiency
- Water proof connectors
- White tempered glass
- Anodized aluminium frames
- Resilient to harsh weather conditions
- 5 year workmanship warranty
- 12 yr 90% output warranty
- 25 yr 80% output warranty

Charge Controller

Samlex 30 Amp Charge Controllers regulate current and protect your batteries from over-charging. Features of this 4-stage Charger include: LED status indicators, LCD display and 8 charge settings for most battery types.

For more detailed product information, see pg. 6

Connecting Wires

A pair of weather resistant 20 foot solar panel connecting wires can be used side by side to connect the panel to a charge controller, or to an additional panel. One end of each wire is blunt and the other has a pre-assembled male or female multi-contact connector. Specifically designed for use in solar systems.

Packaged in pairs; also sold as an accessory.



Mounting Feet & Hardware

Mounting feet are provided to secure the solar panel to a flat surface while providing space for air circulation below to facilitate cooling. Constructed in aluminium, the brackets have large surface areas on top for better stability and five available drilling holes on the bottom for convenient installation.

Packaged in fours; also sold as an accessory.

Solar Expansion Kits

Need more power? Add another panel to your existing Samlex Solar system.

Add any size panel to your existing panel(s) to increase your total solar power. Total solar power is determined by adding the watts of the panels together.

*A single 30 amp Samlex Charge Controller can manage multiple panels with up to 500 watts of solar power for a 12V system or a 1000 watts of solar power for a 24V system.

MODEL	SOLAR PANEL	PANEL WEIGHT	PANEL DIMENSIONS	CHARGING POWER
SRV-EXP-50-KIT	50W	14.4lbs	30.82"x26.33"x1.38"	3.2 Amps
SRV-EXP-85-KIT	85W	18lbs	47.5"x21.75"x1.38"	5.2 Amps
SRV-EXP-120-KIT	120W	26.5lbs	57.91"x26.22"x1.38"	7.4 Amps



SRV-EXP-50-KIT

What's in your kit:





Solar Panel

Samlex solar panels are constructed with top of the line solar cells and materials that comply with the highest industry standards.

- High efficiency
- Water proof connectors
- White tempered glass
- Anodized aluminium frames
- Resilient to harsh weather conditions
- 5 year workmanship warranty
- 12 yr 90% output warranty
- 25 yr 80% output warranty

2



SCW-20-2

Connecting Wires

A pair of weather resistant 20 foot solar panel connecting wires can be used side by side to connect the panel to a charge controller, or to an additional panel. One end of each wire is blunt and the other has a pre-assembled male or female multi-contact connector. Specifically designed for use in solar systems.

Packaged in pairs; also sold as an accessory.

3



Branch & Multicontact Connectors

Samlex multi-contact (MC4) and branch connectors connect solar panels with a locking system to prevent inadvertent disconnection. Branch connectors connect panels in parallel and MC4s connect panels in series.

Packaged in pairs, one female and one male per package; also sold as accessories.



Mounting Feet & Hardware

Mounting feet are provided to secure the solar panel to a flat surface while providing space for air circulation below to facilitate cooling. Constructed in aluminium, the brackets have large surface areas on top for better stability and five available drilling holes on the bottom for convenient installation.

Packaged in fours; also sold as an accessory.

Charge Controllers

Regulate current flowing from a solar panel to your batteries and prevent over-charging.

A single 30 amp Samlex SCC-30AB charge controller can manage multiple panels with up to 500-1000W of solar power depending on whether you're using a 12V or 24V system. The SCC-30AB is Samlex's most advanced design, packed with the following features:





SOLSUM 6.6F

- Economically priced
- LED indicators show charging stage
- PWM controlled
- Automatic selection of voltage, 12V or 24V
- 6 amp charging power
- Automatic load reconnection
- Temperature compensation
- 2 year warranty

SCC-30AB

- Micro-processor controlled
- 30 amp charging capacity
- Digital LCD display indicates voltage, current and battery AH
- 8 charge settings for most battery types
- Optional remote temperature sensor
- PWM design
- 4 stage charging with LED indicators
- Dual voltage capability 12V/24V
- 5 year warranty

*The SCC-30AB is Included in every Samlex Solar Charging Kit and is also sold separately.



PR-1010, PR-1515

- LCD display shows battery state of charge as a percentage and in a gauge
- Programmable
- Automatic selection of voltage, 12V or 24V
- Built-in AH counter
- Equalizing charge
- Float charging
- PWM controlled
- Lighting control options during nighttime
- Available in a 10 Amp (PR-1010) or 15 Amp model (PR-1515)
- 2 year warranty

Pure Sine Wave Inverters

Get household AC power while you're on the road.

Samlex pure sine wave DC to AC inverters convert voltage from 12 or 24V batteries into stable, clean AC current almost identical to the power supplied through your home electrical outlets.



SA-1500-112



SA Series



- Switching mode design
- 12 or 24VDC input and 120 VAC output
- Output Protections: overload, short circuit, over-temperature
- Input protections: battery overcharge, reverse polarity, under & over input voltage
- High output current surge
- Built in battery voltage and output watts level meter
- Thermostatically/Load controlled cooling fan
- UL safety listed (except SA-3000K-112)
- 2 year warranty



MODEL	INPUT	SIZE	SURGE	DIMENSIONS (mm)	WEIGHT	OUTLETS	INVERTER INSTALLATION	REMOTE
SA-150-112	12V	150W	200W	7.9 x 5.2 x 2.8	5.4lbs	2	Cigar lighter plug included	N/A
SA-300-112	12V	300W	400W	9.3 x 6.1 x 2.8	7.7lbs	2	N/A	N/A
SA-600R-112	12V	600W	800W	11.6 x 7.1 x 2.8	5.4lbs	2	DC-1000-KIT	N/A
SA-1000K-112	12V	1000W	2000W	15.1 x 7.2 x 3.5	8.8lbs	2	DC-1000-KIT	S-R6-12, S-R8
SA-1500-112	12V	1500W	2000W	15.4 x 10.8 x 4	15.5lbs	2	DC-2000-KIT	S-R5
SA-3000K-112	12V	3000W	6000W	17.8 x 8.2 x 6.5	22lbs	2	DC-3500-KIT	S-R6-12, S-R8



Use Pure Sine Wave



- Inductive loads like microwaves and motors they'll run quieter and cooler
- TVs, radio equipment, fax machines, fans and fluorescent lights; audible and electric noise will be reduced
- Cell phone, portable DVD and laptop chargers
- Air conditioners, refrigerators, heaters and vacuum cleaners
- Ideal for devices with built-in-clocks and other applications that are sensitive to AC voltage irregularity









PST-15S-12A

PST Series

- Switching mode design
- High efficiency
- 12 OR 24VDC input and 120 VAC output
- Overload protection
- High output current surge
- Low battery alarm / shut down
- Low idle power draw
- 2 year warranty

MODEL	INPUT	SIZE	SURGE	DIMENSIONS (mm)	WEIGHT	OUTLETS	INVERTER INSTALLATION	REMOTE
PST-12S-12A	12V	120W	-	190 x 105 x 30	1 lb	1	Cigar lighter plug included	N/A
PST-15S-12A*	12V	150W	300W	210 x 146 x 65	2.5 lbs	1	Cigar lighter plug included	N/A
PST-30S-12A*	12V	300W	500W	214 x 146 x 65	4 lbs	1	Cigar lighter plug included	N/A
PST-60S-12A*	12V	600W	1000W	280 x 236 x 83	8.5 lbs	2	DC-1000-KIT	RC-15
PST-100S-12A*	12V	1000W	2000W	395 x 236 x 83	13.5 lbs	2	DC-1000-KIT	RC-15
PST-150S-12A*	12V	1500W	3000W	415 x 285 x 100	12.7 lbs	3	DC-2000-KIT	RC-15
PST-200S-12A*	12V	2000W	4000W	415 x 285 x 100	12.7 lbs	2	DC-2500-KIT	RC-15

InverCharge

A battery charger, an inverter and a transfer switch – all in one device.

Samlex's Generation 4 InverCharge combines 3 devices into one for convenience and efficiency. Run AC loads like televisions, stereos, microwaves, vacuum cleaners and computers without interruptions; charge your batteries and transfer power sources and transfer power sources.

automatically when connected to utility power.



G4 Series

- Pure sine wave output provides AC voltage identical to household outlets
- On board LCD display, removable for remote control
- 3 x high surge capacity for 10 seconds
- High power 4 stage battery charging
- Battery equalization function
- Power save mode with low idle current
- Seamless transfer time between utility power and battery fuelled power
- Heavy duty construction
- 2 year warranty
- ETL listed to UL standard 458 and 1741



MODEL	INPUT	SIZE	SURGE	MAXIMUM CHARGING CURRENT	INVERTER INSTALLATION	REMOTE
G4-2012A	12V	2000W	7500 VA	100 amps	DC-2000-KIT	Included
G4-2524A	24V	2500W	7500 VA	70 amps	DC-2000-KIT	Included
G4-3524A	24V	3500W	10500 VA	70 amps	DC-2500-KIT	Included

^{*}All G4 Series models are also available in 230VAC outputs



Modified Sine Wave Inverters

Cost-effective and powerful DC - AC inverters.

Power AC devices from your car, truck, boat, RV or solar system.



Use Modified Sine Wave for...



- Heavy duty power tools
- Water and air pumps, air compressors
- Older televisions, VCRs and game systems
- Incandescent lighting
- Kitchen appliances such as toasters, blenders, hot plates and kettles



SAM Series

- Economically priced
- 12 or 24VDC input and 120 VAC output
- Output Protections: overload, short circuit, over-temperature
- ETL Safety listed
- 2 year warranty
- Soft Start technology
- USB charger



MODEL	INPUT	SIZE	SURGE	DIMENSIONS (mm)	OUTLETS	INVERTER INSTALLATION	REMOTE	USB PORT
SAM-100-12	12V	100W	200W	130x630x380	1	Cigar lighter plug included	n/a	Yes
SAM-250-12	12V	250W	500W	130x115x45	1	Cigar lighter plug included	n/a	Yes
SAM-450-12	12V	450W	900W	150x115x48	1	Cigar lighter plug included	n/a	Yes
SAM-800-12	12V	800W	1600W	195x155x55	1	Cigar lighter plug and battery clamps included	n/a	Yes
SAM-1000-12	12V	1000W	2000W	205x155x55	2	DC-1000-KIT	SAM-RC	n/a
SAM-1500-12	12V	1500W	3000W	225x205x80	2	DC-2000-KIT	SAM-RC	n/a
SAM-2000-12	12V	2000W	4000W	300x205x80	3	DC-2500-KIT	SAM-RC	n/a
SAM-3000-12	12V	3000W	6000W	360x205x80	2	DC-3500-KIT	SAM-RC	n/a

Inverter Remotes

Control your inverter from a distance with these convenient remotes.

Each Samlex inverter remote is designed for use with a specific DC-AC inverter and offers the following control features.









S-R5

- 25 feet of wire included
- Convenient status monitoring
- Push button system ON/OFF
- Power save Enable/Disable Activation
- For use with the following inverters:

SA-1500-12

SA-1500-124

S-R6-12, SR-6-24

- Multi-level LED display shows battery voltage and output power
- All inverter controllable functionality can be accessed from this remote
- Remote override function
- Ignition lockout option
- 25 feet of wire included
- Easy to mount
- For use with the following inverters:

SA-1000K-112

SA-3000K-112

SA-1000K-124

SA-3000K-124

S-R8

- 25 feet of wire included
- Convenient status monitoring
- Push button system ON/OFF
- Remote override function
- Ignition lockout option
- For use with the following inverters:

SA-1000K-112

SA-1000K-124

SA-3000K-112

SA-3000K-124

RC-15

- 25 feet of wire included
- Convenient status monitoring
- Push button system ON/OFF
- For use with Samlex PST series 600W inverters and up

Inverter Installation Kits

Connect your inverter to a battery bank safely and simply.

We'll provide the cable, fuse assembly and hardware you need to plug and power your system.



Choose your kit based on the size of your inverter.

	INVERTER	FUSE SIZE	CABLE GAUGE	CABLE LENGTH
DC-1000-KIT	12V, 600-1000W 24V, 600-2000W	100A	AWG 4	2 x 10FT
DC-2000-KIT	12V, 1000-2000W 24V, 2000-3000W	200A	AWG 2	2 x 10FT
DC-2500-KIT	12V, 2000-2500W 24V, 3000-4000W	300A	AWG 2/0	2 x 10FT
DC-3500-KIT	12V, 2500-3500W 24V, 4000-6000W	400A	AWG 4/0	2 x 10FT

Connecting the Fuse Block to the Battery:

Battery end of positive cable cut and prepared for fitting into the fuse block



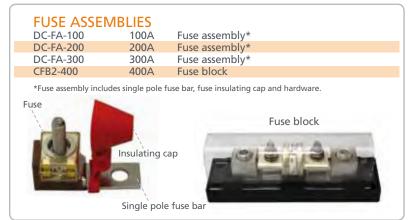


Fitted fuse assembly

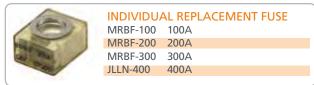
Positive cable connection to the battery with fuse block to protect cables



Do you already have a heavy duty inverter cable but need a fuse assembly? Or maybe you have a fuse assembly but need to replace an individual fuse? Either way, we've got you covered. Samlex fuse assemblies and replacement fuses are also sold separately.







Battery Chargers

Use utility power or a generator to charge and maintain your batteries for future use.

All Samlex battery chargers offer advanced technology characterized by the following features:



SEC Series

- Advanced switch mode design
- Overload, short circuit and over-temperature protection
- Ideal for charging any type of lead-acid batteries
- Can also be used as a DC power supply (except BP-1210)
- Fully automatic operation
- Reverse polarity protection
- Light weight and compact
- Easy mounting system

MODEL	INPUT VOLTAGE	OUTPUT VOLTAGE	DIMENSIONS	WEIGHT	CHARGING CURRENT
BP-1210	120/230VAC	12VDC	8.3 x 3.3 x 2	2.2lbs	10 amps
SEC-1215A	120/230VAC	12VDC	8.4 x 8.4 x 3.25	4.8lbs	15 amps
SEC-1230A	120/230VAC	12VDC	10.7x 8.4 x 3.25	6.4lbs	30 amps
SEC-2415A	120/230VAC	24VDC	10.7 x 8.4 x 3.3	6.4lbs	15 amps
SEC-1245A	120/230VAC	12VDC	12 x 9 x 4	11lbs	45 amps
SEC-2425A	120/230VAC	24VDC	12 x 9 x 4	11lbs	25 amps
SEC-1260A	120/230VAC	12VDC	12 x 9.1 x 4.25	132lbs	60 amps
SEC-1280A	120/230VAC	12VDC	15 x 9 x 4.25	34lbs	80 amps
SEC-2440A	120/230VAC	24VDC	15 x 9 x 4.25	34lbs	40 amps

Transfer Switches

Automatically switch to utility power when it's available.

Connect a Samlex transfer switch to your inverter/battery bank and have your power source switched automatically to utility power when it is available. The transfer switch also protects your inverter from unwanted AC back feed.



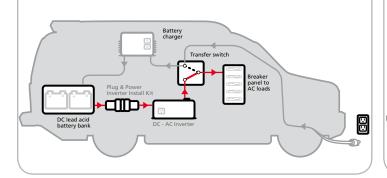
STS-30

- Provides automatic, 2 pole switching between two separate AC input sources
- Can be installed on the line side of the Main Breaker
 Panel allowing switching of the entire load or on the load side allowing switching of only dedicated circuits
- Comes with a power cord with a NEMA 5-15 plug for connection to an inverter or a generator and also a NEMA 5-20 outlet for powering the battery charger

HOW YOUR TRANSFER SWITCH WORKS

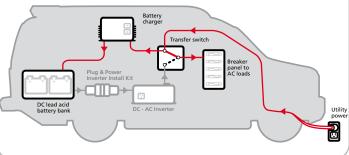
When you're on the road and utility power is not available, the transfer switch detects your mobile solar system and uses it to feed the breaker panel.

Battery Bank ▶ Inverter ▶ Breaker Panel



As soon as you plug in, the transfer switch automatically switches off your mobile system and uses utility power to feed the breaker panel. Connect a battery charger to the terminal provided on the transfer switch and your batteries will also charge when plugged in.

Utility Power ▶ Breaker Panel
Utility Power ▶ Battery Charger ▶ Battery Bank



Complete Solar Systems

Your batteries stay charged. You have AC power whenever you need it. It's really that simple.







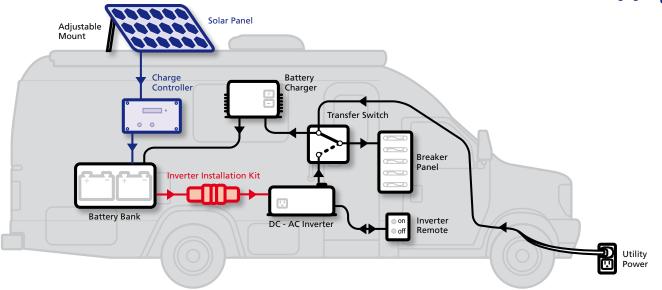
The Nomad 120

(An example system for short RV trips)

System Diagram

Inverter Installation Kit

Solar Charging Kit





Nomad 120

What's in your Nomad 120W system:



120W Solar Charging Kit

- 120W high efficiency Solar Panel
- Samlex 30 Amp Charge Controller
- Pair of 20 Ft Connecting Wires
- Mounting Feet/Hardware

See pg. 4 for more details







Charge Controller SCC-30AB

Connecting Wires SCW-20-2

Mounting Feet SM5-KIT

DC-2000-KIT



SA-1500-112



SEC-1230A



STS-30

DC 2000 Inverter Installation Kit

Samlex's Inverter Installation Kit contains a pair of heavy duty cables and a fuse assembly that is used to connect the inverter to the battery bank. The fuse protects your equipment in the event of a battery short-circuit and the cables provide a safe and easy plug and play connection.

See pg. 12 for more details

Inverter

This 1500W pure sine wave inverter converts battery voltage to AC power similar to that found in you household electrical outlets, allowing you to power all of your favorite AC devices using stored energy from the battery bank.

See pg. 7-8 for more details



Samlex's 30 Amp battery charger charges your batteries when connected to utility power or a generator.

Ideal for topping up your batteries whenever utility power is available.

See pg. 13 for more details



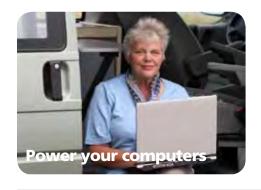
Transfer Switch

A transfer switch automatically detects when utility power is available and disables your mobile system hands free. When plugged into utility power, the transfer switch also directs current to your battery charger to charge the battery bank.

See pg. 14 for more details

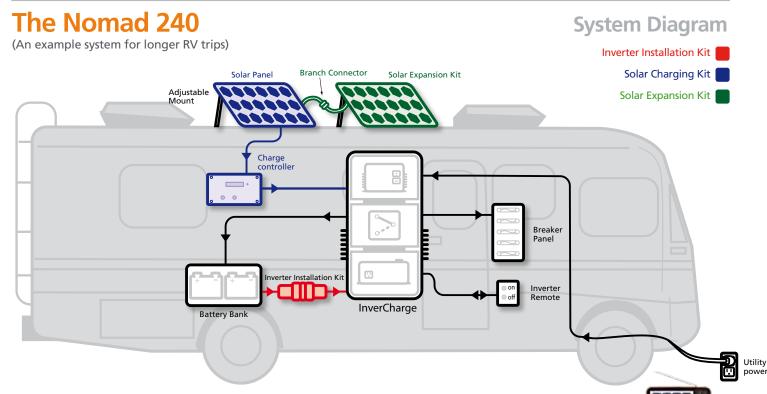
Complete Solar Systems

Use your TV, fridge, microwave, coffee pot or computer wherever your RV takes you.









Not sure how much power you need? Ask your dealer to help you size a complete system that's right for you.

Nomad 240

What's in your Nomad 240W system:

1



120W Solar Charging Kit

- 120W high efficiency Solar Panel
- Samlex 30 Amp Charge Controller
- Pair of 20 Ft Connecting Wires
- Mounting Feet/Hardware

See pg. 4 for more details









Connecting Wires Mounting Feet SCW-20-2 SM5-KIT

2









Multi-Contact MC4-2



SRV-EXP-120-KIT

120W Solar Expansion Kit

Power up your solar system by adding additional panels. This kit contains an additional 120W solar panel as well as the necessary wires and connectors to join it to your existing system.

See pg. 5 for more details

G4-2012A



InverCharge

This 2000W pure sine wave inverter unit contains a 100 Amp battery charger and a 30 Amp transfer switch – all in one device. Convert DC to AC power, automatically detect when utility power is available and charge your batteries.

See pg. 9 for more details

4

DC-2500-KIT



DC 2500 Inverter Installation Kit

Samlex's Inverter Installation Kit contains a pair of heavy duty cables and a fuse assembly that is used to connect the inverter to the battery bank. The fuse protects your equipment in the event of a battery short-circuit and the cables provide a safe and easy plug and play connection.

See pg.12 for more details

Size your Solar Charging Kit

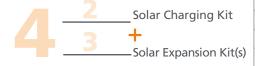
- Fill in the chart to calculate the number of Watt-Hours you require per week to run all of your favorite devices.
- Match the weekly Watt-Hours needed to a Samlex Solar Charging Kit listed below.

Model	Weekly Energy Output*
SRV-50-KIT	2100 Watt-hours
SRV-85-KIT	3570 Watt-Hours
SRV-120-KIT	5040 Watt-Hours

For additional Watt-Hours add a Solar Expansion Kit to the Solar Charging Kit you selected in Step 2.

Model	Additional Weekly Energy Output*			
SRV-EXP-50-KIT	2100 Watt-hours			
SRV-EXP-85-KIT	3570 Watt-Hours			
SRV-EXP-120-KIT	5040 Watt-Hours			

^{*} Weekly Energy Output is based on 6 hours charging per day in optimal sunlight conditions and will vary at different times of the year, by location, and weather conditions.



will give me = ____ Watt-Hours per week

Device	Typical watts required to run devices	x Number of devices	x Hours of use per day	x Days of use per week	= Weekly Watt Hours				
12 VOLT DC APPLIANCES									
Compact Fluorescent Lamps	16	4	5	7	2240				
Fan	10								
DC Water Pump	50								
DC Refrigerator	80								
Cell-phone charger	5								
Television	40								
Stereo	20								
	120 VOLT AC	APPLIANCES							
Can Opener	100								
Electric Knife	100								
Coffee Maker	1200								
13" Color TV	80								
19" Color TV	160								
25" Color TV	220								
Blender	300								
Food Processor	400								
CD/DVD player	10								
Refrigerator	200								
Portable vacuum	550								
Incandescent lamps	60								
Compact Fluorescent Lamps	17								
Microwave Oven	900								
Printer	550								
Hair Dryer	1250								
Iron	850								
Laptop Computer	100								
Laptop Battery Charger	25								
Cell-phone charger	25								
Camcorder charger	25								
Total Weekly Energy Consumption (Watt-Hours)									

Size your Inverter

Device	Typical watts required to run device	PST-12S-12A	PST-15S-12A	PST-30S-12A	PST-60S-12A	PST-100S-12A	PST-150S-12A	PST-200S-12A	G4-2012A	G4-2425A	G4-3524A	SA-150-112	SA-300-112	SA-600R-112	SA-1000K-112	SA-1500-112	SA-3000K-112	SAM-100-12	SAM-250-12	SAM-450-12	SAM-800-12	SAM-1000-12	SAM-1500-12	SAM-2000-12	SAM-3000-12
Can Opener	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•
Electric Knife	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•
Coffee Maker	1150						•	•	•	•	•					•	•								
13" Color TV	80			•	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•	•	•	•	•
19" Color TV	160			•	•	•	٠	•	•	•	•		•	•	•	•	•			•	•	•	•	•	•
25" Color TV	220				•	•	٠	•	•	•	•			•	٠	•	•			•	•	•	•	•	•
Blender	300				•	•	•	•	•	•	•			•	٠	•	•			•	•	•	•	•	٠
Food Processor	400				•	•	•	•	•	•	•			•	•	•	•			•	•	•			•
CD/DVD player	10	•	٠	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Refrigerator	200					•	•	•	•	•	•				•	•	•					•	•	•	•
Portable vacuum	550					•	•	•	•	•	•				•	•	•				•	•	•	•	٠
Incandescent lamps	60	•	٠	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	٠
Compact Fluorescent Lamps	17	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	٠
Microwave Oven	900							•	•	•	•						•								
Printer	550					•	•	•	•	•	•				•	•	•								
Hair Dryer	1250						•	•	•	•	•					•	•						•	•	٠
Iron	850					•	•	•	•	•	•				•	•	•					•	•	•	٠
Laptop Computer	100			•	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•	•	•	•	٠
Laptop Battery Charger	25	•	٠	•	•	•	•	•	•	•	•	•	٠	•	•	•	٠	•	•	•	•	•	•	٠	٠
Cell-phone charger	25	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Camcorder charger	25	•	•	•	•	•	•	٠	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•



Additional Power Products

DC POWER SUPPLIES



FCP-1000 1000 milliamps, 120 VAC input, 12 VDC output with

female cigar receptacle



SEC-1212

Input 120 VAC,13.8 VDC output, 10 Amps

SEC-1223

Input 120 VAC, 13.8 VDC output, 23 Amps



SPS-1204UL Input 120 VAC,13.2 VDC output, 3.5 Amps, comes with cigar plug

DC CONVERTER



SDC-15 20-30 VDC input, 13.8 VDC output, 12 Amps

SDC-23 20-30 VDC input, 13.8 VDC output, 20 Amps

NOTES			

Customer Support

Samlex America
Corporate Head Office
British Columbia, Canada

TOLL FREE: 1-800-561-5885

Website: www.samlexsolar.com

North American Sales Division: sales@samlexsolar.com

Latin American Sales Division: international@samlexsolar.com

Our Promise to You

- Experienced Manufacturing (20 + years)
- Quality Products
- Competitive Pricing
- Responsive and Personal Customer Service
- Extended Warranty
- Live Technical Support

Samlex provides innovative power conversion products supported by the *best* customer service in the industry.

Persunal Solar

Liability Disclosure

Power Inverters can be very dangerous if not selected, used, installed or maintained properly. When in doubt, a qualified electrical professional should be contacted for advice. Contact with high voltage could result in injury, death or risk of fire.





