SETPOT®

VOLTAGE CONVERTER TRANSFORMER

INSTRUCTION MANUAL

MODEL:SP1000, SP1500, SP2000, SP3000, & SP5000.

Browse through this manual for instructions and useful tips on to use your equipment.



WARNING!!

ELECTRICAL SHOCK AND FIRE HAZARD !

Failure to comply with this instruction could result in an electrical failure, fire and electrocution.



WARNING!!

This equipment is a high voltage device, please do not attempt to disassemble this equipment at any time to avoid danger. After a device failure, if the external switch fails to restart the device, please contact your reseller for handling.

Incorrect input voltage in the back of the transformer may cause permanent damage to your converter and equipment. Please ensure correct voltage is selected prior to use.

Symbol	Symbol Description
	Warning - To reduce the risk of injury, user must read instructions manual carefully.
	Danger! Risk of personal injury or environmental damage! Risk of electric shock! Risk of personal injury by electric shock!
	Note
	This symbol, placed before a safety comment, indicates a kind of precaution, warning, or danger. Ignoring this warning may lead to an accident. To reduce the risk of injury, fire, or electrocution, please always follow the recommendation shown below.
	Correct Disposal : This product is subject to the provision of European Directive 2012/19/EC. The symbol showing a wheelie bin crossed through indicates that the product requires separate refuse collection in the European Union. This applies to the product and all accessories marked with this symbol. Products marked as such may not be discarded with normal domestic waste, but must be taken to a collection point for recycling electrical and electronic devices
	FCC statement: This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:(1)This device may not cause harmful interference, and (2)this device must accept any interference received, including interference that may cause undesired operation.



PRODUCT FEATURES

SETPOT's advanced power solution transformer is designed to meet your diverse electrical needs with unparalleled performance and convenience. Our Heavy Duty Step Up/Down Operation ensures seamless compatibility with a wide range of devices, making it the ideal transformer for versatile power applications. With Fully Grounded Plug and Circuit Breaker Protection*, your connected equipment is safeguarded against potential electrical overloads, providing an added layer of safety. The Universal Output Socket accommodates various plug types, enhancing the transformer's global utility. Featuring a Toroidal Transformer with superior quality coil, this device delivers efficient and reliable power distribution. With USB A and USB C convenient connections, it caters to the contemporary demand for versatile charging options. The transformer is engineered for Silent Operation, minimizing noise disruptions, and optimized for energy efficiency to align with sustainable power consumption practices. Embrace a new standard in power management with our innovative and versatile transformer solution.

Model	**SP 100 ~ SP-500**	**SP-1000 ~ SP1500**	**SP-2000**	**SP-3000**	**SP-5000**
Input voltage	AC110V±15% or AC 220V±15%				
Output voltage	Out 1: AC110-120V 60Hz Out 2: AC220-240V 50Hz				
Output power	100VA ~ 500VA	1000VA ~1500VA	2000VA	3000VA	5000VA
Overload protector	1A~5A (Thermal Fuse Reset, requires cool down every few hours to resume operation)	10A ~15A (Circuit Breaker Protection)	18A (Circuit Breaker Protection)	28A (Circuit Breaker Protection)	45A (Circuit Breaker Protection)
Operating temperature	-30℃~55℃				
relative humidity	5%~95%				

*Some models lack circuit breakers but feature thermal fuse protection. Please check with the manufacturer for product specifications.

INSTRUCTIONS FOR USE

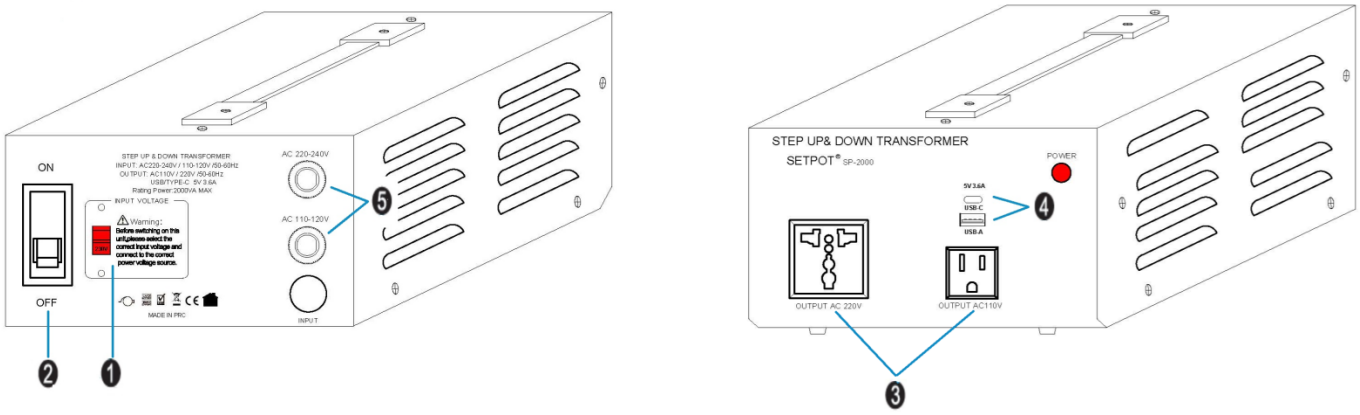
IMPORTANT

ENSURE THAT THE WATTAGE REQUIRED BY YOUR EQUIPMENT DOES NOT SURPASS THE MAXIMUM WATTAGE CAPACITY OF THE TRANSFORMER. WE RECOMMEND USING A TRANSFORMER WITH A WATTAGE CAPACITY THAT IS AT LEAST 50% HIGHER THAN YOUR EQUIPMENT'S REQUIRED WATTAGE.

NOTE THAT CERTAIN PRODUCTS MAY EXPERIENCE A POWER SURGE UPON ACTIVATION, CAUSING THE WATTAGE TO SURPASS 2 OR 3 TIMES THE STATED WATTAGE. THESE PRODUCTS INCLUDE TELEVISIONS, LASER PRINTERS, MICROWAVES, AND OTHER DEVICES WITH HEATING ELEMENTS. WHEN SIMULTANEOUSLY CONNECTING MULTIPLE DEVICES, ENSURE THAT THEIR COMBINED POWER DOES NOT SURPASS THE TOTAL WATTAGE CAPACITY OF THE TRANSFORMER.

GUIDE TO CALCULATING WATTAGE

TYPICALLY, WATTAGE INFORMATION CAN BE FOUND IN THE SPECIFICATIONS SECTION OF THE EQUIPMENT, ABBREVIATED AS "W." ALTERNATIVELY, YOU CAN CALCULATE IT USING THE FORMULA: AMP X VOLT = WATT.



1. **Voltage Selection:**
   - Choose the appropriate input voltage for your country on the transformer.
     - Select 110V for use in 110/120V countries like the USA (not compatible with USA 220V appliances).
     - Select 220V for use in 220/240V countries.
2. **Powering On:**
   - Connect the transformer to the outlet.
   - Switch the transformer on; ensure the power indicator illuminates.
3. **Output Voltage Selection:**
   - For 110/120V equipment, use the Output AC 110V socket.
   - For 220/240V equipment, use the Output AC 220V socket.
4. **Device Connection:**
   - USB/TYPE – C/A ports can be used when the power indicator is on.
5. **Circuit Breaker Safety:**
   - If the device's power exceeds the transformer's rated capacity, the circuit breaker may trip.
   - Turn off the transformer, wait for it to cool, press all circuit breakers, and then switch it on.
6. **Powering Off:**
   - Turn the transformer off when not in use.

Safety Instructions:

1. Read and Follow Manual: Always read and follow the safety instructions provided in this manual.
2. DO NOT USE – Near any heat producing sources, such as radiators, stoves, etc.
3. DO NOT USE – If there is any damage to the power cord or transformer.
4. DOES NOT WORK– with US 220V Appliances.
5. DO NOT compromise the safety features of the grounding-type plug. A grounding-type plug is equipped with two blades and a third grounding pin designed for your safety. If the grounding configuration does not match your outlet, it is essential to consult with an electrician to replace the outdated outlet and ensure proper grounding.
6. Power Requirements: Ensure that the voltage and power requirements of the equipment match the electrical supply specifications. Use the correct power source and adapters.
7. Overloading: Avoid overloading power outlets or extension cords. Do not connect multiple devices that exceed the specified power capacity.
8. Ventilation: Provide adequate ventilation for electronic devices to prevent overheating. Avoid blocking ventilation openings.
9. Moisture and Water: Keep electrical equipment away from moisture and water to prevent electrical shocks. Do not use electronic devices with wet hands.
10. Cables and Wires: Check cables and wires regularly for signs of damage or wear. DO NOT USE if any signs of damage.
11. Unplug When Not in Use: Disconnect electronic devices from the power source when not in use, especially during maintenance or cleaning.
12. Child Safety: Keep small objects and packaging materials away from children. Ensure that electrical cords are out of reach.
13. Proper Storage: Store equipment in a dry and safe place when not in use. Avoid exposing devices to extreme temperatures.
14. Qualified Personnel: Repairs or modifications to electronic equipment should only be conducted by qualified individuals. Servicing may be necessary if the transformer has incurred any damage. This includes situations where the power-supply cord is compromised, the plug is damaged, liquid has been spilled, objects have fallen into the converter, exposure to rain or moisture has occurred, normal operation is disrupted, or if the converter has been accidentally dropped. In such instances, seek the assistance of trained professionals for inspection and repairs.
15. Log on to www.setpot.com for more info

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