

VEVOR[®]

TOUGH TOOLS, HALF PRICE

Technical Support and E-Warranty Certificate www.vevor.com/support

DIGITAL PHASE SHIFTER

MODEL:CPS-5HP/CPS-7.5HP/CPS-10HP

We continue to be committed to provide you tools with competitive price.

"Save Half", "Half Price" or any other similar expressions used by us only represents an estimate of savings you might benefit from buying certain tools with us compared to the major top brands and does not necessarily mean to cover all categories of tools offered by us. You are kindly reminded to verify carefully when you are placing an order with us if you are actually saving half in comparison with the top major brands.

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NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:

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This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

	Warning-To reduce the risk of injury, user must read instructions manual carefully.
	CORRECT DISPOSAL This product is subject to the provision of European Directive 2012/19/EC. The symbol showing a wheeled 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

IMPORTANT SAFEGUARDS

BESURE TO READ AND FULLYUNDERSTAND THE FOLLOWINGS BEFORE USE.

CAUTION

- This product should be used only for 3 phase 220-240V motor.
- One DPS unit should be used only for one motor that meets DPS specifications.
- 3 phase voltages are output when the motor is running.
- Connecting only U, W lines for control wires of electronic switch, brake, magnetic contractor, etc.
- Only 1 phase of motor brake is allowed. (3 phase brake does not work.)
- If the motor overheats, check the current indicated on the motor nameplate. (Use motor load less than 80% of rated capacity of the motor.)
- Never use DPS model that does not meet motor capacity. (causes motor overheating)

※ Never use DPS capacity 2 levels higher than rated motor capacity. It may cause overheating or trouble.

- If you find smoke, strange smell or noise, turn off the switch immediately, disconnect the plug from the power socket, and contact our service center.

Continued use may cause fire or electric shock.

WARNING

- Use this DPS only for operation 3 phase motor(220-240V) from single phase power (220-240V) supply.
- As the DPS has no protection device, install safety circuit breaker at the input terminal to use it
- In the event of abnormality, cut off the power immediately.(There is a danger of electric shock.)
- Do not move or install the product in the condition with the current flowing or exposed. (There is a danger of fire or electric shock.)
- Be sure to cut off the power switch in the event of power failure during operation. (When the power is restored, it restarts automatically, which may cause an unexpected accident.)
- Do not disassemble, assemble, or modify the DPS.
- For 3 phase 220-240V motor only

SAVE THESE INSTRUCTIONS

FCC Information

CAUTION:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment!

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This product may cause harmful interference.
- 2) This product must accept any interference received, including interference that may cause undesired operation.

WARNING:

Changes or modifications to this product not expressly approved by the party responsible for compliance could void the user's authority to operate the product.

Note:

This product has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules, These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This product generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning the product off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the distance between the product and receiver.
- Connect the product to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for assistance.

Technical Parameter

Models	CPS-5HP	CPS-7.5HP	CPS-10HP
Capacity(HP)	4-5HP	5-7.5HP	7.5-10HP
Current (A)	15	23	30
Frequency(Hz)	50/60	50/60	50/60
Dimension	250*135*152mm	250*135*152mm	250*135*152mm

※ Product specification are subject to change without prior notice purpose to improve the quality.

If you use a DPS that is one step above your motor capacity. you can get 90 to 95% efficiency.

(65 to 70% efficiency when using DPS with the same capacity)

ex) in the case of 5HP motor:

If you use CPS-5HP model: **65 to 70% efficiency**

If you use CPS-5HP model: **90 to 95% efficiency**

Q/A USING FOR DPS

Question / Answer

1. Only 2 phases come out from the DPS's output voltage.

3 phase voltages are output only when the motor is running. When the motor is not running, it is normal for only single phase output to come out.

2. DPS output voltage and current are irregular.

Initially, there may be voltage and current imbalances. but when the load take more than 50%, the voltage and current will soon balance. This phenomenon occurs in the process of making 3 phases from single phase.

3. The motor runs well at first, then suddenly the breaker was tripped.

Check the capacity of the breaker. You need to select twice the capacity of the motor rated current. e.g. Motor 15A: Breaker 30A.

4. The power of the DPS is checked, but the motor is not running.

Check the DPS and motor connections (check whether the magnetic control lines are connected to U and W of DPS's output).

5. Connected the DPS to the motor and running the motor, but the voltages and current value are too high.

Check the capacity of the DPS and motor. If the DPS capacity is too large for the motor capacity. that happens. Or. please check whether two motors are installed in the machine. It should be used only for one DPS per one motor.

6. Is DPS available when the machine has 2-3 motors?

Originally, you should use one DPS for only one motor. However, if the start and stop times of the motor are the same, you could use one DPS for multiple motors.

7. The DPS LED power does not come on in spite of entering power.

Please contact the head office after checking the input power.

8. The motor runs well by connecting the DPS, but suddenly it doesn't work well.

Check the magnet switch connection, overload capacity, and breaker capacity (twice the motor rated current) And check for the overload.

9. And check for the overload.

Check if the input voltage and power volume are normal and check the motor

load.Also, make sure that the magnetic control line is connected to the U and W positions of the DPS output.

10. How should the magnet switch, overload, and breaker capacities be selected?

When using the above products, it should be selected as twice the capacity of the rated current of the motor.

11. The motor slows down and does not run smoothly.

Please check the load volume of the motor and use the load less than 85% (over current phenomenon caused by overloading).

12. There's a lot of noise when the motor is running.

Check the DPS and motor capacity (The motor is noisy and generates heat when using a DPS with a specification higher than the appropriate capacity)

13. The current of Motor output is too high and overheating occurs.

Please check if the motor capacity and DPS capacity are properly selected. e.g. MY-PS-15 model:Used for 10HP motor MY-PS-20 model:Used for 15HP motor

14. Is DPS available for sunbeds, welders, ovens, and tanning machines.

You can use it after contacting our head office. However, it is slightly less efficient than when used in motors.

Address: Baoshanqu Shuangchenglu 803long 11hao 1602A-1609shi Shanghai
Imported to AUS: SIHAO PTY LTD. 1 ROKEVA STREETEASTWOOD NSW 2122 Australia
Imported to USA: Sanven Technology Ltd. Suite 250, 9166 Anaheim Place, Rancho Cucamonga, CA 91730

UK	REP	Pooledas Group Ltd Unit 5 Albert Edward House, The Pavilions Preston, United Kingdom
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EC	REP	SHUNSHUN GmbH Römeräcker 9 Z2021, 76351 Linkenheim-Hochstetten, Germany
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Made In China

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