

# VFI CPH

3/1 - 3/3

# FLEXIBLE THREE PHASE SOLUTION

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Tower/ Rack Solution

- Unity Power Factor 1.0 (kVA = kW)
- Parallel Operation, up to 10 units!
- Works Stand-Alone or as Part of a Modular Solution
- **Hot-Swappable** Modules
- Available as 3/1 or 3/3 (Input/ Output)
- Scalable to up to 100kW

The VFI CPH: 1 module, 3 solutions:

1. Tower/ Rack: **Stand-Alone** Solution
2. PW 12U Rack Cabinet Solution: Share 12U between UPS and CPH Battery Packs | Includes **Controller Module + 10" Touch Panel** (example given)
3. **Personalized Solution**: Make use of a Standard 19" Rack Cabinet and operate up to 10 units in parallel with Ext. Batteries.

The PowerWalker VFI CPH 3/1 or 3/3 is an innovative solution for a variety of applications. This 10KW UPS can work standalone as a tower or rack solution, or it can be installed as part of a modular N+X system.

As a rack unit, the UPS fits into any standard 19" rack cabinet and occupies a space of 3U (6U with a battery pack). Using the included connection box, installation is convenient and easy.



General Features	3/1	3/3
Power Capacity	10000VA/ 10000W	
Output Power Factor	1.0	
LINE Mode Full Load	93.0%	93.5%
Charger	4A	
Parallel Work (Units)	Up to 10 of the same size	
Input Specifications	Values	
Input Voltage Range	190-520 VAC @ 50% load   305-478 VAC @ 100% load	
Frequency (Synchronized Range)	46Hz - 54Hz or 56Hz - 64Hz	
Input Type	Terminal	
Output Specifications	Values	
Nominal Output Voltage	208/220/230/240VAC (L+N)	360VAC/380VAC/400VAC/415VAC (3Ph+N)
Voltage Regulation	+/- 1%	
Frequency (Battery Mode)	+/- 0.1Hz	
Outlets	Terminal	
Battery Specifications	Values	
Batteries	Ext. Battery	
DC Voltage	32-40 x 12V	
Transfer Time [AC to Battery]	0ms	
Transfer Time [Inverter to Bypass]	0ms	

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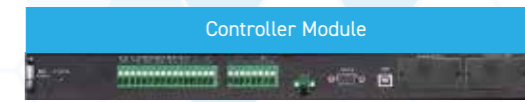


PowerWalker 12U Rack Cabinet

Alternatively, PowerWalker provides a specifically designed 12U rack cabinet with an advanced 10" touch-panel allowing a high-degree of comfort during operation. Inside this cabinet, you can either install four CPH units or share the space between UPS and battery modules.



10" Touch-Panel



Controller Module

- Includes **Controller module** that provides 2 Card Slots
- **Necessary for the VFI CPH 10" Touch Panel**

General Features	PowerWalker 12U Rack Cabinet (example)
Power Capacity	20000VA/ 20000W
Output Power Factor	1.0
LINE Mode Full Load	94.0%
Charger	4A
Input Specifications	Values
Input Voltage Range	190-520 VAC @ 50% load   305-478 VAC @ 100% load
Frequency (Synchronized Range)	46Hz - 54Hz or 56Hz - 64Hz
Input Type	Terminal
Output Specifications	Values
Nominal Output Voltage	360VAC/380VAC/400VAC/415VAC (3Ph+N)
Voltage Regulation	+/- 1%
Frequency (Battery Mode)	+/- 0.1Hz
Outlets	Terminal
Battery Specifications	Values
Batteries	2x 32x 12V/ 5Ah
DC Voltage	32 x 12V
Transfer Time [AC to Battery]	0ms
Transfer Time [Inverter to Bypass]	0ms

In a modular setup, all modules are hot-swappable and work parallel redundant. Additionally, each UPS can be controlled and monitored separately using an independent LCD. This ensures high reliability, flexibility and ease of maintenance. The PowerWalker VFI CPH is an all-encompassing three-phase solution!

This series offers a variety of combinations for any standard 19" rack cabinet! Therefore, we recommend that you contact us for more details, for a customized offer!

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Standard 19" Rack Cabinet