

VFI 10K CPH 3/3 AND 3/1

- UPS works stand-alone or as a part of a modular solution
- Available as 3/1 or 3/3 (input/output)
- Fits into every regular 19 inch rack cabinet
- Alternatively can be installed in a special designed rack cabinet (optional) with 10 inch touch screen (up to 40KW)
- Scalable up to 100KW

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-inch rack cabinet and occupies a space of 3U (6U with battery pack). Using the included connection box, installation is convenient and easy.

Alternatively, PowerWalker provides a specifically designed 12U rack cabinet with an advanced 10-inch 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.

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. PowerWalker VFI CPH is an all-encompassing three-phase solution.



MODEL	VFI 10K CPH 3/3 and VFI 10K CPH 3/1
Power	10kVA / 10kW
INPUT	
Voltage	3x 400VAC (3Phase + N +G)
Frequency Range	40 - 70Hz
Input Voltage Range	305-478VAC @ 100% load 190-520VAC @ 50% load
Current Distortion THDi	<1.5% @ 100% load; <2.5% @ 50% load; <6.0% @ 10% load
Current Limitation	High overload: PFCLimit (Discharging batteries)
Power Factor	>0.99 at 100% load
THDi	<4% @ full load
INVERTER	
Voltage	Three-phase output: 3 x 360/380/400/415 VAC(3phase + N +G) Single-phase output: 208/220/230/240 VAC(L + N + G)
Voltage Precision	+/- 1%
THD	<2% with linear load; < 3% with non-linear load
Current Crest Ratio	3:1
Frequency Range	50/60 Hz +/-0.1Hz (Battery Mode); 50/60 Hz +/- 4Hz (Synchronized)
Transfer Time	0ms (max 4ms from bypass to Online)
Waveform	Pure Sine Wave
EFFICIENCY	
AC Mode	94.0%
ECO Mode	97.0%
Battery Mode	93.5%
BATTERY	
Amount	32/34/36/38/40 pcs organized in two half-strings
Charging Current	4A
INDICATORS	
LCD Display	Text LCD Display UPS Status, load level, battery level, input/output voltage, discharge time, fault conditions
PHYSICAL	
Dimension (mm)	678 x 418 x 132 (3U)
Net Weight (kg)	20.5kg