

VFI CPM

3/3

THE MODULAR, SCALABLE SOLUTION

- Unity Power Factor 1.0 (kVA = kW)
- Parallel Operation, up to 10 units!
- Modular and scalable solution up to 300kVA or 420kVA in parallel cabinets
- Hot-Swappable Modules
- 5.7" Display or optional 10" Touch-Panel

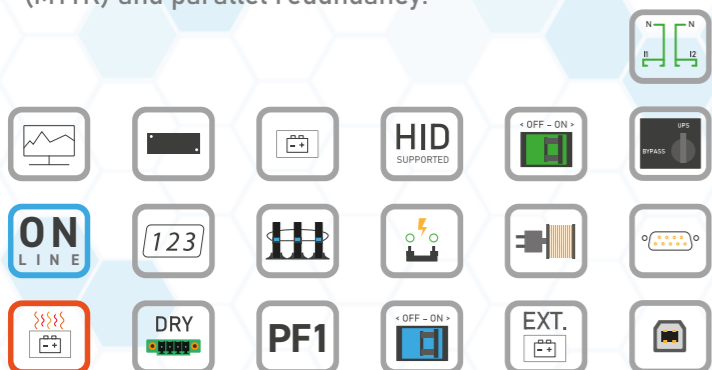
The UPS is available in 2 different modular variations:
 VFI 20k CPM: Can work with 10 Units of the same size
 VFI 30k CPM: Can work with 10 Units of the same size
 They require at least 1 CPM Cabinet to operate!



Each UPS consists of at least a CPM Cabinet, power modules and batteries. Different models of CPM Cabinets determine power capacity and functionality, featuring various combinations of slots for power module and battery module. Additionally, each CPM Cabinet includes a Switch Module, an STS Module and an LCD Panel (optionally 10" touch panel). CPM Cabinets are available in the sizes 30U and 42U, with a compact economy version available in 15U (the CPM Cabinets can also operate in parallel, doubling your capacity).

This series offers a broad range of solutions for different needs! Therefore, we recommend that you contact us for more details, for a customized offer!

The PowerWalker VFI CPM 3/3 series is a modular solution with the capacity to reach 420kW output power. It features hot-swappable power modules available as 20kW and 30kW. Dedicated CPM Cabinets manage the flawless operation of the modules, resulting in very low Mean Time To Repair (MTTR) and parallel redundancy.



Each unit is equipped with dual input, communication ports, including extension slot. The CPM cabinets can be equipped with UPS modules, battery slots or a combination of both, allowing many different solutions and offering the highest degree of flexibility



VFI 20k CPM



VFI 30k CPM

Each 20kW module provides 6A charging current, and 30kW module 8A, allowing it to support effortlessly even with big battery banks. The CPM series combines high flexibility and scalability with great performance and power, making it the optimal solution for all kinds of scenarios.

General Features	Values	
Power Capacity	20000VA/ 20000W	30000VA/ 30000W
Output Power Factor	1.0	
LINE Mode Full Load	94.5%	
Charger	6A per Module (each is settable)	8A per Module (each is settable)
Parallel Work (Units)	Up to 10 of the same size	
Input Specifications	Values	
Input Voltage Range	305-478 VAC at 100% load or 208-478 VAC at <70% load	
Frequency (Synchronized Range)	46Hz - 54Hz or 56Hz - 64Hz	
Input Type	Terminal	
Output Specifications	Values	
Nominal Output Voltage	3x 380/400/415 VAC (3Ph+N+G)	
Voltage Regulation	+/- 1%	
Frequency (Battery Mode)	+/- 0.1Hz	
Outlets	Terminal	
Battery Specifications	Values	
Batteries	Ext. Battery	
DC Voltage	32-40 x 12V	
Recharge Time	-	
Full Load Backup Time	-	
Half Load Backup Time	-	
Transfer Time [AC to Battery]	0ms	
Transfer Time [Inverter to Bypass]	0ms	