

UPS  
Model:

## YP-Centro

(4000-10000 VA)



Frequency	Phase	Power Factor	Power (VA)	Rated Voltage
45 - 70 Hz	1	0.85 / 0.875	4000-10000	110 - 280 Vac

### Additional Information

- The YP-Centro 4000-10000 VA single-phase CPS is a Centralized Power Supply System, specifically designed according to EN 50171 standards, to provide reliable power protection for all safety and emergency systems. It is fully compliant with EN 50171, backed by a third-party IMQ test certificate, ensuring it meets all current regulations for emergency and safety applications, offering maximum protection and peace of mind for users, consultants, retailers, and installers.
- Built with a durable IP20-rated enclosure, resistant to heat and fire in compliance with EN 60598-1, the YP-Centro is compact and easy to install in tight spaces. It offers comprehensive monitoring through a wide range of audible and visual alarms. The system includes real-time autonomy tracking via a user-friendly backlit LCD display with LED indicators and function keys.
- Equipped with a cold start function, the YP-Centro can be activated without mains power, and its high overload capacity allows it to continuously deliver up to 120% of its rated power. Efficient and versatile, the CPS operates with up to 98% efficiency and offers four modes of operation. The mixed-mode configuration with both Always Powered (SA) and Emergency Only (SE) outputs optimizes energy savings. While the single-phase version is ready to install without additional accessories, the three-phase version requires an optional mixed mode kit.

Unit 2, Hurricane Close, Sherburn in Elmet, Leeds, LS25 6PB, United Kingdom  
+44 1977 688155 • sales@yorpower.com

[www.yorpower.com](http://www.yorpower.com)

UPS  
Model:

## YP-Centro

(4000-10000 VA)

MODEL		YP-Centro 4000	YP-Centro 6000	YP-Centro 8000	YP-Centro 10000
POWER	VA	4000	6000	8000	10000
	W	3500	5250	7000	8500
INPUT	Rated Voltage	110 – 280 Vac			
	Rated frequency	45 – 70 Hz			
	Power factor	≥0.99			
	Current distortion (THDI)	<5%			
OUTPUT	Rated Voltage	200/208/220/230/240 Vac selectable			
	Voltage stability	±1%			
	Frequency	50/60 Hz (selectable)			
	Frequency regulation	±1Hz, ±3Hz selectable			
	Frequency stability	±0.2% (free running)			
	Power factor	0.875			0.85
	Crest factor	3:1			
	Voltage distortion	<2% with linear load, <7% with distorting load			
	Waveform	Pure sine wave			
	Output connection	Screw terminal block			
	Capacity @ 100 % load	4000 VA/3500 W	6000 VA/5250 W	8000 VA/7000 W	10000 VA/8500 W
	Overload @ 120% permanent load	4200 VA/4200 W	6300 VA/6300 W	8400 VA/8400 W	10200 VA/10200 W
BATTERY	Battery type	12V VRLA, AGM (maintenance-free lead)			
	Number of batteries	20 units (120 cells)			
	Charging time	80% of the battery capacity within 12h			
	Internal battery charger	4 A Standard (additional 4 A with optional kit)			
	External battery cabinet connect	Plug-in & Play			
EFFICIENCY	VFI mode	Up to 93%			
	ECO smart mode	Up to 97%			
	Battery mode	Up to 94%			
GENERAL	Dimensions (WxDxH) mm	288x700x513			
	Weight (kg)	41			42
	Alarms	Audible and visual alarm alerts for: incorrect battery polarity, short circuit, power failure, low battery, bypass transfer, and UPS fault, etc.			
	Protection	Battery polarity, short circuit, overload, overheating, deep discharge, overcharging			
	Operating mode	Multimode: VFI, ECO, Emergency (SE), Mixed mode (SA and SE with separate outputs)			
	Cold start from the battery without mains power	Included			
	Protection class	IP20			
CONNECTIVITY	User interface	LCD and function keys (parameters: voltage, frequency, load percentage, battery voltage, output voltage, estimated uptime, UPS temperature).			
	Built-in communication ports	USB, RS232, EPO On/Off contact, and additional slots for optional cards			
	Compatible software platforms	Microsoft Windows, Linux, Mac OS, Vmware			
	Optional accessories	Cards: SNMP, RS485 ModBus, dry relay contacts			
ENVIRONMENTAL PARAMETERS	Operating temperature**	0 – 40°C			
	Relative humidity	0 – 90% (without condensing)			
	Altitude (a.s.l.)	<1000 m with no power derating, >1000 m with 1% derating for every 100 m			
	Audible noise at 1 m	<60 dBA			
REGULATIONS	Standards	EN 50171, IEC EN 62040-1, IEC EN 62040-2, IEC EN 62040-3			
	Marking	CE, UKCA			

Unit 2, Hurricane Close, Sherburn in Elmet, Leeds, LS25 6PB, United Kingdom  
+44 1977 688155 • sales@yorpower.com

[www.yorpower.com](http://www.yorpower.com)