

UPS
Model:

YP-Sustain

(1000 VA - 3000 VA)



Frequency	Phase	Power Factor	Power (VA)	Rated Voltage
40 / 70 Hz	1	≥0.99	1000 - 3000 VA	110 - 300 Vac

Additional Information

- The YP-Sustain 1000-3000 VA single-phase online UPS delivers consistent, high-quality performance with zero transfer time, making it ideal for critical applications.
- Designed to minimize energy consumption, the YP-Sustain 1000-3000 VA offers low operational costs.
- Its versatility allows for easy conversion from rack to tower, thanks to the adjustable display panel.
- Expanding uptime is effortless with the YP-Sustain 1000-3000 VA, as external battery cabinets and additional battery chargers can be added seamlessly.
- Lockable sockets on the YP-Sustain 1000-3000 VA prevent accidental disconnections, ensuring uninterrupted power delivery.
- In the event of a network failure, you can prioritize specific loads for extended runtime with the YP-Sustain 1000-3000 VA.
- Connected devices are always safeguarded, and the YP-Sustain 1000-3000 VA can be powered up even in the absence of mains power.
- Ideal for sensitive equipment such as electro-medical devices, mass spectrometers, and forensic analyzers, the YP-Sustain 1000-3000 VA has no negative impact on generator consumption.

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

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MODEL		YP-Sustain 1000	YP-Sustain 2000	YP-Sustain 3000	
POWER	VA	1000	2000	3000	
	W	900	1800	2700	
INPUT	Rated Voltage	110 – 300 Vac			
	Frequency	44 – 66 Hz			
	Power factor	≥0.99			
OUTPUT	Rated Voltage	200/208/220/230/240 Vac			
	Voltage distortion	<3% with linear load I, <7% with distorting load			
	Voltage stability	±1%			
	Frequency	50/60 Hz (selectable)			
	Frequency stability	±1 Hz or ±3 Hz (selectable)			
	Power factor	0.9			
	Crest factor	03:01			
	Waverform	Pure sine wave			
EFFICIENCY	VFI mode	Up to 92%			
	ECO mode	Up to 97%			
GENERAL	Dimensions (WxDxH) mm	154x382x211	192x470x250	192x451x319.9	
	Weight (kg)	11.6	22.2	29.8	
	Arms	Audible and visual alarm alerts for: power failure, low battery, bypass transfer, and UPS fault			
	Protection	Overload, overheating, short circuit, deep discharge, battery overcharging.			
	Operating mode	Multi-mode: VFI, ECO, Constant voltage constant frequency (CVCF) output			
	Cold start from the battery without mains power	Included			
BATTERY	Battery type	12V VRLA, AGM (maintenance-free lead)			
	Uptime with internal battery in minutes	50% load	14	15	12
		100% load	5	5	4
	Charging time (90%)	4 - 6 hours			
	Battery expansion module dimensions (WxDxH) mm **	154 x 403.6 x 258.2	192 x 552.8 x 319.9		
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	<50 dBA			
CONNECTIVITY	Built-in communication ports	USB, RS232, EPO and additional slots for optional cards			
	User interface	LCD and function keys (parameters: voltage, frequency, percentage load, battery voltage, output voltage, estimated uptime, UPS temperature).			
	Optional accessories	Cards: SNMP, RS485 ModBus and dry relay contacts			
	Compatible software platforms	Microsoft Windows, Linux, Mac OS, Vmware			
REGULATIONS	Standards	IEC EN 62040-1, IEC EN 62040-2, IEC EN 62040-3			
	Marking	CE, UKCA			

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