

UPS
Model:

YP-Sustain RT

(1000 VA - 3000 VA)



Frequency	Phase	Power Factor	Power (VA)	Rated Voltage
44 / 66 Hz	1	≥0.99	1000 - 3000 VA	110 - 300 Vac

Additional Information

- The YP-Sustain RT 1000-3000 VA single-phase online UPS delivers consistent, high-performance power with zero transfer time, making it an ideal choice for critical applications.
- Its energy-efficient design ensures low operating costs, minimizing power consumption for greater savings.
- Highly versatile, the YP-Sustain RT 1000-3000 VA online UPS features a rotatable display panel, allowing easy conversion from rack to tower configuration.
- For extended runtime, external battery cabinets and additional chargers can be effortlessly added. Lockable sockets prevent accidental disconnections, ensuring uninterrupted operation.
- In the event of network failure, the UPS offers selective load protection, extending runtime for key devices.
- Connected equipment remains safeguarded, and the system can be started even without mains power.
- Designed for sensitive loads, such as electro-medical devices, mass spectrometers, and forensic analyzers, the UPS operates without affecting generator fuel consumption.

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MODEL			YP-Sustain RT 1000	YP-Sustain RT 2000	YP-Sustain RT 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		
	Output sockets		3 x IEC C13	6 x IEC C13	6 x IEC C13 1 x IEC C19
EFFICIENCY	VFI mode		Up to 92%		
	ECO mode		Up to 97%		
GENERAL	Dimensions (WxDxH) mm		440 x 405 x 88 (2U)	440 x 600 x 88 (2U)	440 x 600 x 88 (2U)
	Weight (kg)		11.7	21.8	24.6
	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 **		440 x 430 x 88 (2U)	440 x 581 x 88 (2U)	
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		LED, 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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