

OFYS RT

Reliable protection for critical equipment
from 1 to 6 kVA



OFYS RT is a single-phase UPS range designed to protect professional IT infrastructures, ensuring cost competitive solutions that meet both requirements of power reliability and installation flexibility.

Fast and easy installation

- No configuration needed on first startup.
- Compact footprint (2U/89 mm) for installation in rack cabinets.
- Space saving and flexible "tower-to-rack" conversion mode.
- Easy connections to the applications via IEC 320 sockets or terminals.

Easy to use

- Clear and uncluttered LCD interface with buzzers that immediately indicates the operating status of the UPS, even for less specialist users.
- The communication package provides connection via USB, with optional relay board card and SNMP interfaces.

Reliable power protection

- Double conversion technology guarantees voltage and frequency stability whatever the mains condition.
- Wide tolerance of the input voltage limits the number of switchovers to battery mode, prolonging the battery life.
- In the event of a power failure, the service continuity is guaranteed by the inverter powered by rechargeable batteries.
- The automatic bypass takes over immediately in the event of overloads or faults, ensuring continuous power supply to the loads.

The solution for

- Small computer rooms
- Servers and networking
- VoIP communication systems
- Structured cabling systems
- Video surveillance systems

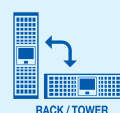
Compliance with standards

- IEC 62040-1
- IEC 62040-2
- IEC 62040-3

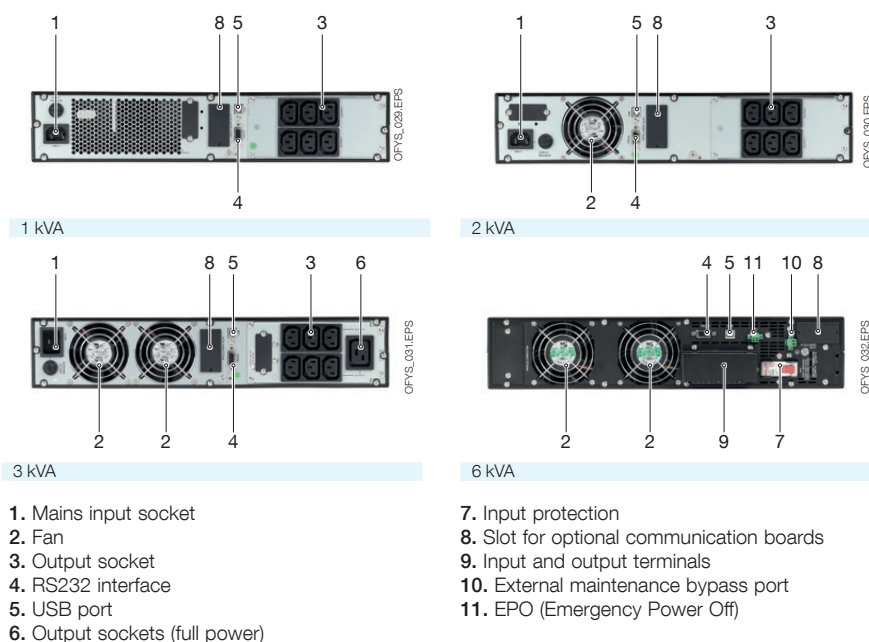
Certifications



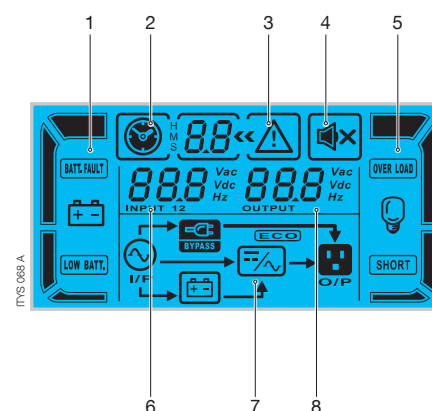
Advantages



Connections



Control panel



Technical data

OFYS RT				
Model	U1000	U2000	U3000	U6000
Sn	1000 VA	2000 VA	3000 VA	6000 VA
Pn	900 W	1800 W	2700 W	6000 W
Input/output	1/1			
Architecture	online double conversion VFI with input PFC and automatic bypass			
INPUT				
Rated voltage	208/220/230/240 V			
Voltage tolerance	180÷280 VAC (100% load); 120÷300 VAC (50% load)			176÷300 VAC ± 3% (100% load); 110÷300 VAC ± 3% (50% load)
Frequency	50/60 Hz with automatic selection			
Mains connection	IEC 320 (10 A)	IEC 320 (16 A)	terminals	
OUTPUT				
Rated voltage	208/220/230/240 V			
Frequency	50/60 Hz ± 8 % (± 0.1% in battery mode)			
Overload capability	<105% continuously; <130% for 30 sec; <150% for 3 sec; >150% immediate off		<110% for 10min; <130% for 1 min; >130% for 1 sec	
Connections	6 x IEC 320 (10 A)	6 x IEC 320 (10 A) 1 x IEC 320 (16 A)	terminals	
COMMUNICATION				
Interfaces	RS232 - USB			
Local communication software	Local View			
ENVIRONMENT				
Operating ambient temperature	from 0 °C to +40 °C (from 15 °C to 25 °C for optimal battery life)			
Storage temperature	from -15 °C to +50 °C (from 15 °C to 25 °C for optimal battery life)			
Relative humidity	20-90% non-condensing			0 - 95% no condensing
Noise level	< 50 dB			< 55 dB
UPS CABINET				
Dimensions W x D x H	438 x 310 x 89 mm	438 x 410 x 89 mm	438 x 630 x 89 mm	438 x 610 x 89 mm
Weight	10.8 kg	18.2 kg	29.3 kg	17 kg
EXTERNAL BATTERY MODULE				
Model	-		OFYS-RT-B192V2U ⁽¹⁾	OFYS-RT-B240V3U ⁽¹⁾
Dimensions W x D x H	-		438 x 688 x 89 mm	438 x 610 x 133 mm
Weight	-		48 kg	65 kg
STANDARDS				
Safety	EN 62040-1			
EMC	EN 62040-2			
Performance	EN 62040-3			
Product certification	CE; RCM (E2376), UKCA			

(1) @80% of rated load.

Standard communication features

- 1 slot for communication options.
- LOCAL VIEW software for local UPS monitoring and shutdown for Windows, Linux and MAC Osx.
- LCD interface for UPS monitoring.

Communication options

- Relay board card for UPS remote diagnostic.
- WEB/SNMP interface for UPS monitoring and management.

Electrical options

- Rail kit.
- Hot-swap manual bypass (MBP-1U-IEC).