



ITYS E

from 1 to 10 kVA - Mini Tower

Affordable and reliable protection for sensitive IT and electrical applications

Single-phase UPS

new



ITYS 009 A - ITYS 070 A - ITYS 071 A

The solution for

- > Professional workstations
- > Industrial automation
- > Security systems
- > Telecom systems
- > Banking ATM systems

Technology

- > VFI "online double conversion"

Why power quality is vital

The electronic and IT equipment, safety systems and control devices that have been installed to correctly operate a company's critical applications are all vital elements in today's fast-changing business world. At the same time, such equipment is itself more sensitive to electrical disturbances than in the past. Power problems are not the exclusive concern of big enterprises and organizations. Your computers, servers and network equipment are as much part of your business capital as for a large company's data centre. Downtime and inefficiency are costly and can affect your internal and business transactions as well as your reputation. What also needs to be considered is the delay in restarting the devices and processes and restoring any files that may have been damaged or corrupted. Having a well-designed and though strategy for protecting the power supply means a company's 'business continuity' is assured, as well as being a tangible economic benefit.

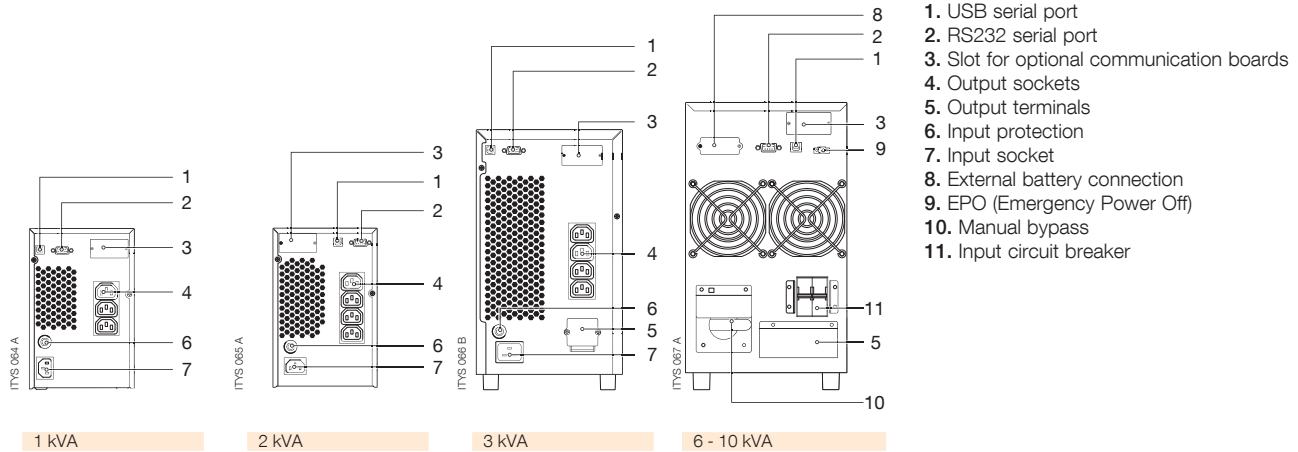
Best electrical protection

- True online double conversion technology (VFI) assures high availability and total load protection.
- Constant output voltage and frequency regulation makes ITYS E compatible with different applications, operating environments and GenSets.
- Automatic bypass supplies the loads in the event of overloads or faults.

Robust and versatile

- Compact tower UPS system saves space in the operating environment.
- No particular configuration on first startup.
- Easy connections via IEC 320 sockets or terminals.
- Wide input voltage tolerance limits the switchovers to battery mode prolonging the battery life.
- Manual bypass for periodic or emergency maintenance.

Connections



Technical data

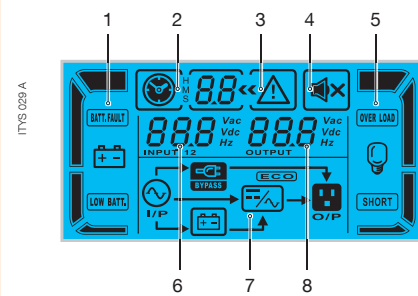
ITYS E					
Sn	1000 VA	2000 VA	3000 VA	6000 VA	10000 VA
Pn	800 W	1600 W	2400 W	4800 W	8000 W
INPUT					
Voltage	230 V (1ph) 160÷300 V up to 110 V @ 60% load				
Rated frequency	50/60 Hz				
Power factor	0.99				
OUTPUT					
Rated voltage	208/220/230/240 V				
Voltage tolerance	± 1%				
Rated frequency	50/60 Hz (46÷54 Hz / 56÷64 Hz) (in battery mode 50/60 ± 0.1 Hz)				
Overload	Up to 130% for 1 minute				
Crest factor	3:1				
Connections ⁽¹⁾	3 x IEC 320	4 x IEC 320	4 x IEC 320 + terminals	terminals	
BATTERIES					
Type	sealed lead-acid maintenance free - expected life 3/5 years				
Back-up time @75% of rated VA load pf 0.7 ⁽²⁾	8 min			9 min	
Voltage ⁽³⁾	36 VDC	96 VDC		192 VDC	240 VDC
Battery charger ⁽³⁾	Setting up to 6 A				
COMMUNICATION					
Interfaces	RS232 - USB				
Network adapter	SNMP optional card				
Local communication software	LOCAL VIEW				
EFFICIENCY					
Online mode	up to 90%				
ENVIRONMENT					
Ambient temperature	0 to 40°C (15 to 25 °C for maximum battery life)				
Relative humidity	0 to 95% without condensation				
Maximum altitude	1000 m without derating				
Noise level at 1 m	< 55 dBA			< 65 dBA	
UPS CABINET					
Dimensions ⁽²⁾ W x D x H	145 x 285 x 220 mm	145 x 400 x 220 mm	190 x 425 x 320 mm	190 x 370 x 640 mm	190 x 450 x 640 mm
Weight ⁽²⁾	10 kg	17 kg	28 kg	60 kg	75 kg
Dimensions ⁽³⁾ W x D x H	145 x 285 x 220 mm	145 x 400 x 220 mm	145 x 400 x 220 mm	190 x 370 x 320 mm	190 x 450 x 320 mm
Weight ⁽³⁾	5 kg	7 kg	8 kg	21 kg	23 kg
Degree of protection	IP20				
STANDARDS					
Safety	EN 62040-1				
EMC	EN 62040-2				
Product certification	CE				

(1) Other socket types available as option.

(2) Models with internal batteries.

(3) Models without batteries.

Control panel



1. Battery level / Battery status
2. Back time info
3. General Alarm
4. Buzzer off
5. Load level / Load status
6. Input value
7. UPS mode
8. Output value

Standard communication features

- LOCAL VIEW: ideal UPS monitoring and shutdown point-to-point solution for Windows®, Linux and Mac OS X® operating systems.
- HID: UPS management based on Windows® and Mac OS X® embedded service - USB interface.

Communication options

- SNMP card for UPS monitoring via SNMP protocol.
- Dry-contact card for UPS remote diagnostic.