**ITYS**

Reliable and versatile power protection from 1 to 20 kVA

High protection and availability
- True online double conversion technology (VFI) assures high availability and total load protection.
- Constant output voltage and frequency regulation makes ITYS compatible with different applications, operating environments and generator sets.
- 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.

Wide battery configurability
- Flexible battery management available for all ITYS models to ensure power supply continuity in the event of an outage.
- Modular battery extension meets a wide variety of power back-up times according to the load to be supplied.
- Modular battery extension enables limitless increases in autonomy, even after installation.
- Powerful battery charger models guarantee constant and reliable operation using external high capacity batteries, therefore providing supply continuity during long outages.

The solution for
- Professional workstations
- Server and corporate networks
- Storage systems
- Industrial automation
- Security systems
- Telecom systems

Technology
- VFI "online double conversion"

Certifications
- RoHS COMPLIANT

Autonomy configurations
- Flexible autonomy
- Extendable autonomy
- Long autonomy

Some models may not be available in your country – please check with your local sales office.
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 robust and versatile

 high protection and availability

 wide input voltage tolerance limits the

 easy connections via IEC 320 sockets or

 • no particular configuration on first startup.

 • compact tower UPS system saves space in

 the operating environment.

 automatic bypass supplies the loads in the

 • free operation during blackouts.

 • provide power continuity after a long

 event of overloads or faults.

 powerful battery charger models guarantee

 long battery life.

 modular battery extension enables

 • limitless increases in autonomy, even after

 the event of a failure.

 variety of power back-up times according to

 the requirements.

 reliable and versatile power protection

 from 1 to 20 kVA

 ITYS

 radiation makes ITYS compatible

 with different applications, operating

 systems.

 Wide range of communication protocols

 available as options (including JBUS, TCP/IP and SNMP) for integration into LAN

 networks or building management systems (BMS).

 RS232 advanced connection for the

 management of power supply and

 local/remote shutdown of the applications

 with Windows®, Linux and Mac OS X®

 systems.

 USB port for direct interfacing with

 Windows® and Mac OS X systems.

 Clear and uncluttered LCD interface for

 easy UPS monitoring, even for less

 specialist users.

 Technical data

 **ITE - UPS**

<table>
<thead>
<tr>
<th>Sn (VA)</th>
<th>1000 VA</th>
<th>2000 VA</th>
<th>3000 VA</th>
<th>4000 VA</th>
<th>5000 VA</th>
<th>6000 VA</th>
<th>10000 VA</th>
<th>10000 VA</th>
<th>20000 VA</th>
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</thead>
<tbody>
<tr>
<td>Ph</td>
<td>800 W</td>
<td>1600 W</td>
<td>2400 W</td>
<td>3200 W</td>
<td>4000 W</td>
<td>5000 W</td>
<td>9000 W</td>
<td>18000 W</td>
<td></td>
</tr>
</tbody>
</table>

 **INPUT**

 Rated voltage | 230 V (110÷300 V) | 230 V (176÷276 V) | 400 V (3/1), 230 V (1/1)

 Rated frequency | 50/60 Hz ±10% (Auto-Selectable) | 0.98 |

 Power factor | 0.98 |

 **OUTPUT**

 Rated voltage | 206 / 220 / 230 / 240 V ± 2 % |

 Rated frequency | 50/60 Hz ±10% (Auto-Selectable) |

 Overload | Up to 150% for 10 seconds |

 Crest factor | 3:1 |

 Connections | Input, output and external battery terminal |

 **BATTERIES**

 Type | sealed lead-acid maintenance free - expected life 3/5 years |

 Voltage | 36 V DC |

 Back-up time | 10 min |

 Battery charger | 8 A |

 **COMMUNICATION**

 Interfaces | RS232 - USB (C13)+ terminals |

 Ethernet adapter | NET VISION (TCP/IP & SNMP) optional card |

 Local communication software | Local View |

 **EFFICIENCY**

 Online mode | up to 91% |

 Ambient service temperature | 0 °C to +40 °C (15 °C to 25 °C for maximum battery lifetime) |

 Relative humidity | < 95% non-condensing |

 Maximum altitude | 1000 m without de-rating |

 Noise level at 1 m | < 50 dBA |

 **UPS CABINET**

 Dimensions W x D x H (mm) | 145 x 400 x 220 |

 Weight (models with internal batteries) | 3 kg |

 Weight (models without internal batteries) | 7 kg |

 Degree of protection | IP20 |

 **STANDARDS**

 Safety | IEC/EN 62040-1, AS 62040.1.1, AS 62040.1.2 |

 EMC | IEC/EN 62040-2, AS 62040.2 |

 Performance | IEC/EN 62040-3 (efficiency tested by an external independent body) |

 Product declaration | CE, CCM (62040) |

 **Advanced communication**

 • Wide range of communication protocols available as options (including JBUS, TCP/IP and SNMP) for integration into LAN networks or building management systems (BMS).

 • RS232 advanced connection for the management of power supply and local/remote shutdown of the applications with Windows®, Linux and Mac OS X® systems.

 • USB port for direct interfacing with Windows® and Mac OS X systems.

 • Clear and uncluttered LCD interface for easy UPS monitoring, even for less specialist users.

 Local and IP network management solutions

 • LOCAL VIEW: ideal point-to-point software for UPS monitoring and shutdown of Windows®, Linux and Mac OS X® operating systems (standard for all models).

 • NET VISION: professional network adapter for monitoring and controlling UPS units from a remote location (option for all models).