

## Technical Specification UPS OP 3003

### GENERAL

Rated power 3000 VA / 2100 Watt  
Technology On-line, double conversion topology with automatic bypass

### INPUT

Phase: Single phase with ground  
Bypass Voltage 96--138 VAC (user selectable)  
Input Voltage range: 220 /230 / 240 V  
Frequency: 50/60 Hz. auto selection  
Frequency window  
from mains 45-65 Hz  
Synchronization window  $\pm 3$ Hz.  
Input current 3000 VA 24.7 A  
Input Power factor: 0,97

### OUTPUT

Output Voltage: 220 /230 / 240 V, selectable from LCD panel  
Voltage regulation:  $\pm 2\%$   
Voltage distortion:  $< 5\%$  THD at full non-linear load,  $< 3\%$  THD at full linear load  
Frequency regulation  $\pm 0.25$  Hz (battery or free running mode)  
60V at 40% load, 70V at 70%, 80V at 100%.

### ENVIRONMENTAL

Ambient temperature:  $+0\text{ }^{\circ}\text{C}$  to  $+40\text{ }^{\circ}\text{C}$   
Recommended temperature:  $+15\text{ }^{\circ}\text{C}$  to  $+25\text{ }^{\circ}\text{C}$   
Storage temperature:  $-15\text{ }^{\circ}\text{C}$  to  $+50\text{ }^{\circ}\text{C}$   
Cooling: Forced air-cooling  
Humidity: 0-95%, non-condensing  
Audible noise:  $< 45$  db normal and battery mode (700-1000 VA)  
 $< 50$  db normal and battery mode (1500-3000 VA)

### STANDARDS

Safety: EN50091-1-1  
Emissions: EN50091-2 class B  
Immunity: EN50091-2

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<b>OUTPUT POWER</b>	<b>3000VA/2100W</b>
Connection Input	IEC 320 (16A)
Connection Output	8 x IEC 320 (10A), (IEC 320 16A) x 1
Battery type	Lead-acid 12V
Number of batteries	6
Backup time/ full load	6 min
Recharge time	<4 hours to 90%
Dimensions W x D x H mm	225 x 425 x 360
Weight kg	33

