



Description

The WDO3000VA is a compact UPS designed to protect computers and essential electronic equipment against power failures and voltage fluctuations. It provides reliable backup power for home and office use.

Features

- Durable metal housing
- Protection against power outages
- Durable metal housing
- Compact and practical design
- Ideal for computers and office equipment
- Easy to install and use



Specification

Capacity	3000 VA / 1800 W
Input	
Voltage range :	275–145 VAC
Frequency range :	60/50 Hz 3± Hz (Auto Fit)
Phase: :	Single-phase grounded type
Power factor :	≥0.99 at 230–220 VAC (input voltage)
Output	
Voltage :	220VAC
Voltage regulation rate :	±10%
Frequency range (synchronization mode):	Default output is 50 Hz. When the input is within 53–47 Hz, the output follows the mains supply. For 60 Hz, when the input is within 63–57 Hz, it follows the mains supply.
Frequency range (battery mode):	50 Hz 0.25± Hz or 60 Hz 0.3± Hz.
Overload:	
100%–110%:	Alarm only
110%–130%:	Turns off after 30 seconds or switches to bypass mode when the input is normal
Above %130: :	Turns off immediately or switches to bypass mode when the input is normal
Current peak ratio :	3:1
Harmonic distortion:	≤%3 THD (linear load); ≤%6 THD (non-linear load)
Switching time :	4 ms under standard conditions
Output waveform :	4 ms under standard conditions
Current peak ratio :	Pure sine wave
Efficiency	
Mains mode:	88%
Battery mode:	85%



Battery

Internal battery model :	12 V / 7 Ah
Number of batteries:	4
Charging time:	%90 capacity reached in 4 hours (built-in battery)
Charging current:	1 A maximum (built-in battery); 1 A/2 A/4 A/6 A adjustable (external battery)
Charging voltage:	82.1 V 109.4 / %1± V %1±

Appearance

Dimensions (D × W × H) :	320 × 190 × 315 mm
Weight :	24.5 kg

Environmental Conditions

Operating humidity:	%95–20 RH at °40–0C (non-condensing)
Noise level:	Less than 45 dBA at 1 m

Management

Intelligent interface – RS232/USB (optional):	Supports Windows 2003/2000/XP/Vista/7/2008, Linux, Unix and macOS
SNMP (optional):	Supports power management through SNMP managers and web browsers

