

OFF-LINE WOW UPS

WOW UPS

The coolest and cutest UPS with surge protection for PC and home entertainment systems

- Fully digitalized microprocessor controlled
- Energy saving (UPS sleep mode)
- Smart communication port
- Tel/Modem/Network surge suppression
- 50/60Hz frequency auto sensing
- AC line ok ("Power" LED always on)
- Back up mode ("Power" LED fast flash)
- Short circuit and overload protection
- Advanced battery management(ABM)
- Automatic diagnostics & battery check
- Bypass output filter for critical load
- User friendly design for hot swapping battery
- Option of communication port of RS-232 or USB port
- EMI/RFI noise filter



Specification

MODEL		WOW-300U	WOW-500U	WOW-800U
INPUT	UPS Capacity	300VA	500VA	850VA
	Voltage (Single Phase)	240V, +/- 15% / 20% at line input		
	Frequency	50Hz +/- 10% (auto sensing)		
OUTPUT	Total Capacity (surge protection)	1200VA	1200VA	1200VA
	No. of sockets	2 X Australian Sockets - Battery Backup 1 X Australian Socket - Surge Protection		3 X Australian Sockets - Battery Backup 1 X Australian Socket - Surge Protection
	Voltage (on battery)	Simulated sine wave at 240V +/- 5%		
	Frequency (on battery)	50 Hz +/- 0.3 Hz		
	Transfer Time	2/4 milliseconds, including detection time		
PROTECTION	Unit Input	Circuit Breaker or Fuse for overload & short circuit protection		
	Overload Protection (WOW-300)	Ac Mode: if load exceeds 120% of nominal, Buzzer continue beeping sound. Backup Mode : UPS automatic shutdown if overload exceeds 110% of nominal at 10 sec, 120% at 3 sec.		
	Overload Protection (WOW-500~1000)	UPS automatic shutdown if overload exceeds 105% of nominal at 20 seconds, 120% at 10 seconds, 130% at 3 seconds.		
	Short Circuit	UPS output cut off immediately		
	Spike Protection	460 Joules, 2ms	600 Joules, 2ms	800 Joules, 2ms
BATTERY	Type	Sealed, maintenance-free lead acid batteries, with 3-6 years typical lifetime		
	LED Indicators	NO		Battery Check
	Typical Recharge Time (to 90% of full capacity)	6 hours		
	Back-up Time (A PC with 15" monitor)	4 - 6 minutes	6 - 8 minutes	18 - 20 minutes
	(A PC with 15" LCD)	8 - 12 minutes	13 - 15 minutes	38 - 40 minutes
Protection	Automatic self-test, Over discharge protection, short circuit protection by fuse			
PHYSICAL	Net Weight Kg	1.9	2.58	3.6
	Dimensions W x D x H	100 x 315 x 68 mm	110 x 330 x 82 mm	120 x 410 x 85 mm
INTERFACE	Dry contact	Sends battery low & power failure signals, and receives shutdown signal from computer.		
	Rs232	Detect battery low, Schedule UPS ON/OFF, AC input / output power status display		
ALARM	Battery Back-up	Slow beeping sound every 4 seconds		
	Battery Low	Backup Mode : Rapid beeping sound every second		
	Charge Abnormal	AC Mode : Rapid beeping sound every second		
	Overload	Continue beeping sound		
ENVIRONMENT	Ambient operation	3,500 meters max. elevation. 0-95% humidity (No-condensing water) , 0-40 deg C		
	Audible Noise	<40dBA (1 meter from surface)		