



Reliable, compact, built for office and IT rooms, **ANTARES UPS** is POWERTRONIX latest single phase UPS series delivering clean power quality for 1kVA to 10kVA applications like workstations, servers, routers, offices.

Pure sinus wave VFI true online double conversion topology, high efficiency (DSP control for over 90% efficiency for all product range), low THDi, combined with innovative design, easy installation and maintenance, available as tower or rack version, **ANTARES UPS** closely meets users demand.

Featuring user friendly LCD, RS232 port and USB port as standard, intelligent slot for dry contact board or lan interface via SNMP, UPS management software included in the package, this series represents ideal solution for network protection and real time monitoring.

Cold start, manual bypass, parallel capability for 6-10kVA UPS (optional), scalable runtime, easy set up and friendly Multilanguage display, remote monitoring and connectivity options, everything to guarantee POWERTRONIX main targets: quality, reliability, flexibility and low cost of ownership.



MAIN TECHNICAL DATA	ANTARES 1	ANTARES 2	ANTARES 3	ANTARES 6	ANTARES 10
UPS Topology	VFI On-Line Double Conversion - Input Power Factor Correction High frequency IGBT inverter transformerless - Pure sinewave Forced air cooling - multilevel fan - Tower version				
Input nominal voltage	1ph 200/208/220/230/240V				
Input voltage tolerance	110 ÷ 300 V 50%load — 160 ÷ 280 V 100%load				
Input frequency tolerance	40 ÷ 70 Hz				
Power factor	≥0.99				
Input current distortion	THDi ≤3%				
Output nominal voltage	1ph 200/208/220/230/240V				
Output active power	800w	1.600w	2.400w	4.800w	8.000w
Output power factor	0.8				
Output nominal current 1ph 1Ph+N@ 200V	4A	8A	12A	24A	40A
UPS system efficiency	90%	91.6%	92.4%	94.2%	95.2%
Output voltage regulation	±1%				
Output nominal frequency	50 or 60 Hz				
Output frequency stability	±0.1%				
Output crest factor	3:1				
Output voltage distortion	≤ 3% with linear load & ≤ 5% with non linear load				
Overload	110% for 10 minutes - 125% for 1 minute - 130% for 5 seconds				
Battery type	VRLA AGM 12V 7.2Ah or 9Ah - 5 years EUROBAT classification				
Number of elements	2	4	6	16	16
Battery nominal voltage VDC	24	48	72	192	192
Typical recharge time	4 hours				
Battery maximum charging current	2A (adjustable)				
Battery charging voltage (per element)	13.5VDC				
UPS dimensions WxDxH cm	15*28*22	15*40*22	19*41*32	19*37*69	19*44*69
UPS net weight (kg)	9.8	17	27.5	62	67
Noise level at 1m	<50dB	<50dB	<50dB	<55dB	<55dB
Case protection rating	metal case IP20 - tower version				
Operating ambient (no derating)	0°C ÷ 40°C - 95% (non condensing) - altitude up to 1000m above MSL				
Communication interface	RS232 port - USB port - Intelligent slot for SNMP card or Modbus card				
Remote signals	optional dry contact card - remote EPO				
Monitoring software	UPS View Power (View Power Pro version included with SNMP)				

MAIN TECHNICAL DATA	ANTARES RACK 1	ANTARES RACK 2	ANTARES RACK 3	ANTARES RACK 6	ANTARES RACK 10
UPS Topology	VFI On-Line Double Conversion - Input Power Factor Correction High frequency IGBT inverter transformerless - Pure sinewave Forced air cooling - multilevel fan - Rack version				
Input nominal voltage	1ph 200/208/220/230/240V				
Input voltage tolerance	110 ÷ 300 V 50%load — 160 ÷ 280 V 100%load				
Input frequency tolerance	40 ÷ 70 Hz				
Power factor	≥0.99				
Input current distortion	THDi ≤3%				
Output nominal voltage	1ph 200/208/220/230/240V				
Output active power	800w	1.600w	2.400w	4.800w	8.000w
Output power factor	0.8				
Output nominal current 1ph 1Ph+N@ 200V	4A	8A	12A	24A	40A
UPS system efficiency	90%	91.6%	92.4%	94.2%	95.2%
Output voltage regulation	±1%				
Output nominal frequency	50 or 60 Hz				
Output frequency stability	±0.1%				
Output crest factor	3:1				
Output voltage distortion	≤ 3% with linear load & ≤ 5% with non linear load				
Overload	110% for 10 minutes - 125% for 1 minute - 130% for 5 seconds				
Battery type	VRLA AGM 12V 7.2Ah or 9Ah - 5 years EUROBAT classification				
Number of elements	2	4	6	16	16
Battery nominal voltage VDC	24	48	72	192	192
Typical recharge time	4 hours				
Battery maximum charging current	2A (adjustable)				
Battery charging voltage (per element)	13.5VDC				
UPS dimensions WxDxH cm	44*31*2U	44*41*2U	44*60*2U	2x44*50*2U	2x44*58*3U
UPS net weight (kg)	12	20	30	16 + 48	20 + 50
Noise level at 1m	<50dB	<50dB	<50dB	<55dB	<55dB
Case protection rating	metal case IP20 - rack version				
Operating ambient (no derating)	0°C ÷ 40°C - 95% (non condensing) - altitude up to 1000m above MSL				
Communication interface	RS232 port - USB port - Intelligent slot for SNMP card or Modbus card				
Remote signals	optional dry contact card - remote EPO				
Monitoring software	UPS View Power (View Power Pro version included with SNMP)				

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