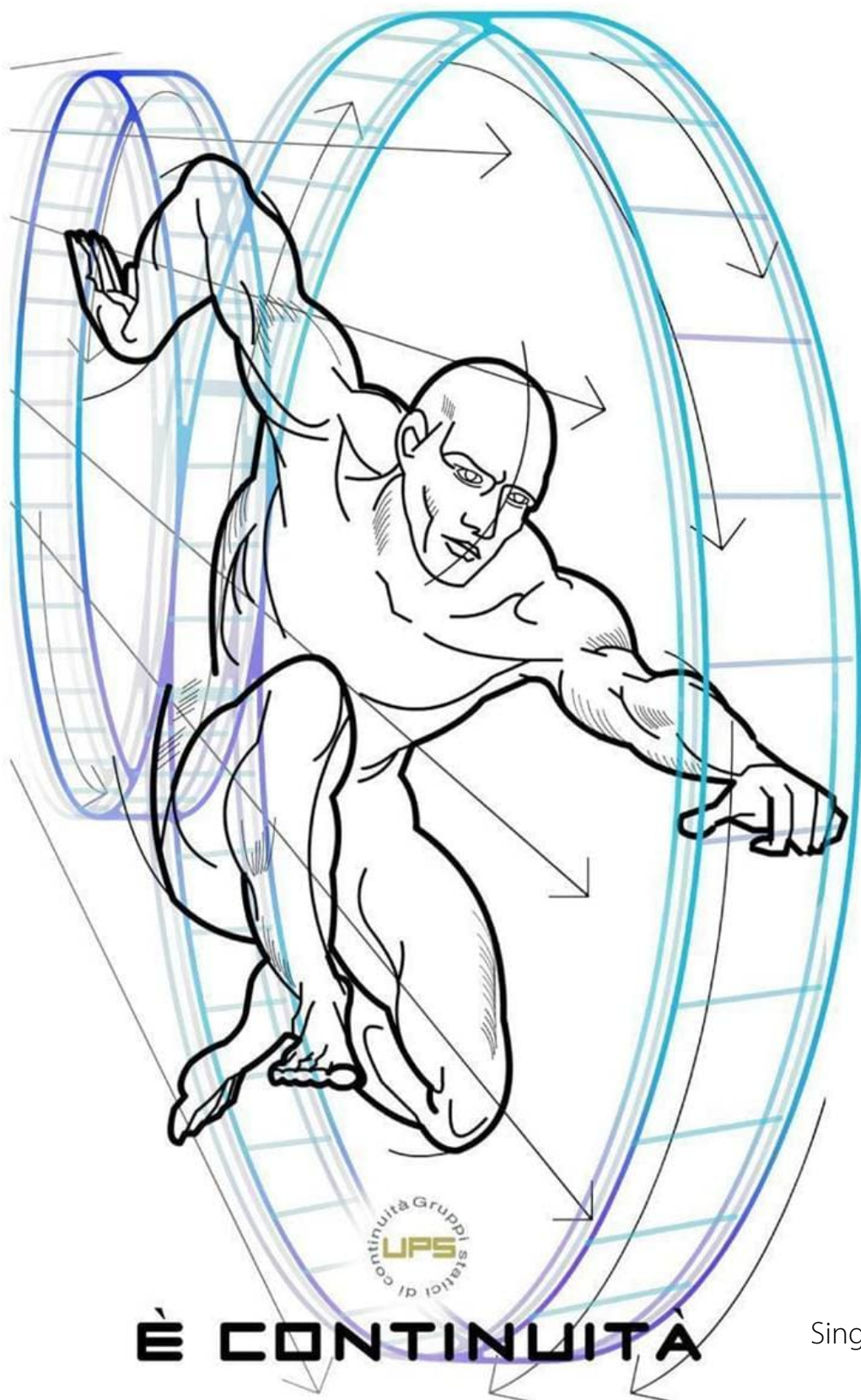






Powertronix **Antares Pro** is a professional and versatile UPS solution with true online double conversion technology and clean sine wave output for almost all single-phase applications.

UPS can accept wide input voltage for harsh environment and provides powerful and overall protection to your sensitive devices, such as servers, network/telephone communication systems as well as for industrial applications.

Antares Pro is ideal for business-critical applications, with multi-platform communications for all operating systems and network environments, ranging from AS400, ModBus RTU, to SNMP card for remote monitoring and to avoid data loss by gracefully shutting down your connected computer during an extended power outage. Factory standard RS232 and USB ports allow local UPS monitoring and management.

Rated for 220/230/240VAC models feature capacities of 1kVA, 2kVA, 3kVA, 6kVA and 10kVA, tower or rack/tower, all ready to connect external battery extension packs to increase runtime.

UPS Technical details

UPS topology	VFI On-Line Double Conversion - Pure sinewave single phase output
Input nominal voltage	Single phase 220/230/240VAC
Input voltage tolerance	110 ÷ 300 V 50%load — 160 ÷ 280 V 100%load
Input nominal frequency	50/60Hz
Input frequency tolerance	40 ÷ 70 Hz
Input power factor	≥0.99
Input THDi	THDi ≤3%
Output nominal voltage	Single phase 220/230/240VAC
Output nominal frequency	50/60Hz ±0.1% stability
Output power factor	0.9 (1 - 3kVA) ; 1 (6 - 10kVA)
Output THDv	≤ 2% with linear load & ≤ 4% with non linear load
Overload	110% for 10 minutes - 125% for 1 minute - 130% for 5 seconds
Battery type (factory standard)	VRLA AGM 12V 7.2Ah or 12V 9Ah - EUROBAT Standard commercial
Typical recharge time	6÷8 hours @90%
Battery maximum charging current	Up to 4 Amps
Battery charging voltage (per element)	13.5VDC
Communication	USB - RS232 - smart slot for optional SNMP or AS400 card or Modbus card
Cabinet	Tower model - IP20 - 6÷10kVA models complete with castors
Ambient	Indoor - 0÷40°C - relative humidity up to 95% non condensing - 2.000m a.s.l.
Noise level at 1m	<55 dB

European Directives: LC 2014/35/EU low voltage Directive EMC 2014/30/EU electromagnetic compatibility Directive
 Standards: Safety IEC EN 62040-1:2008+A1:2013 EMC IEC EN 62040-2 C2 Classification IEC 62040-3 VFI - SS - 111

Mod / Article No	UPS capacity	Efficiency	Battery details	Output	Dimensions - weight Standard battery (Std)
Call	Antares Pro 1kVA	90.6%	24VDC - 7.2Ah	2x schuko	145x282x220(h)mm 9kg
Call	Antares Pro 2kVA	91.4%	48VDC - 7.2Ah	2x schuko	145x397x220(h)mm 15kg
Call	Antares Pro 3kVA	92.2%	72VDC - 7.2Ah	3x schuko + terminal	190x421x318(h)mm 24kg
Call	Antares Pro 3kVA	92.2%	72VDC - 9Ah	3x schuko + terminal	190x421x318(h)mm 26kg
Call	Antares Pro 6kVA	94.6%	192VDC - 7.2Ah	terminal	190x396x688(h)mm 54kg
Call	Antares Pro 6kVA	94.6%	192VDC - 9Ah	terminal	190x396x688(h)mm 58kg
Call	Antares Pro 10kVA	95.2%	192VDC - 7.2Ah	terminal	190x442x688(h)mm 57kg
Call	Antares Pro 10kVA	95.2%	192VDC - 9Ah	terminal	190x442x688(h)mm 61kg

VNOL06 and VNOL10 models may be set for 192 or 240Vdc battery design.

VNOL06 model may fit up to 16 blocks internal battery. VNOL10 model may fit up to 20 blocks internal battery.

While every precaution has been taken to ensure accuracy and completeness herein, Powertronix assumes no responsibility, and disclaims all liability, for damages resulting from use of this information or for any errors or omissions.
 Specifications subject to be changed without notice.

UPS Technical details

UPS topology	VFI On-Line Double Conversion - Pure sinewave single phase output
Input nominal voltage	Single phase 220/230/240VAC
Input voltage tolerance	110 ÷ 300 V 50%load — 160 ÷ 280 V 100%load
Input nominal frequency	50/60Hz
Input frequency tolerance	40 ÷ 70 Hz
Input power factor	≥0.99
Input THDi	THDi ≤3%
Output nominal voltage	Single phase 220/230/240VAC ±1% stability
Output nominal frequency	50/60Hz ±0.1% stability
Output power factor	0.9 (1 - 3kVA) ; 1 (6 - 10kVA)
Output THDv	≤ 2% with linear load & ≤ 4% with non linear load
Overload	110% for 10 minutes - 125% for 1 minute - 130% for 5 seconds
Battery type (factory standard)	VRLA AGM 12V 7.2Ah or 12V 9Ah - EUROBAT Standard commercial
Typical recharge time	6÷8 hours @90%
Battery maximum charging current	Up to 4 Amps
Battery charging voltage (per element)	13.5VDC
Communication	USB - RS232 - smart slot for optional SNMP or AS400 card or Modbus card
Cabinet	Rack tower model - IP20
Ambient	Indoor - 0÷40°C - relative humidity up to 95% non condensing - 2.000m a.s.l.
Noise level at 1m	<55 dB for VROL series

European Directives: LC 2014/35/EU low voltage Directive EMC 2014/30/EU electromagnetic compatibility Directive
 Standards: Safety IEC EN 62040-1:2008+A1:2013 EMC IEC EN 62040-2 C2 Classification IEC 62040-3 VFI - SS - 111

Mod / Article No	UPS capacity	Efficiency	Battery details	Output	Dimensions - weight Standard battery (Std)
VROL01-000	Antares Pro 1kVA	90.6%	24Vdc - No Batt	3x schuko	438x310x88(h)mm 7kg
VROL01-012	Antares Pro 1kVA	90.6%	24Vdc - 9Ah	3x schuko	438x310x88(h)mm 12kg
VROL02-000	Antares Pro 2kVA	91.4%	48Vdc - No Batt	3x schuko	438x410x88(h)mm 12kg
VROL02-012	Antares Pro 2kVA	91.4%	48Vdc - 9Ah	3x schuko	438x410x88(h)mm 19kg
VROL03-000	Antares Pro 3kVA	92.2%	72Vdc - No Batt	2x schuko	438x630x88(h)mm 16kg
VROL03-012	Antares Pro 3kVA	92.2%	72Vdc - 9Ah	2x schuko	438x630x88(h)mm 28kg
VRGLO6-000	Antares Pro 6kVA	94.6%	192Vdc external	terminal	438x610x88(h)mm 17kg
VRGLO10-000	Antares Pro 10kVA	95.2%	192Vdc external	terminal	438x610x88(h)mm 20kg

VRGLO6 and VRGLO10 models may be set for 192 or 240Vdc battery design.

External battery positioning within VRBB0610 rack cabinet.

While every precaution has been taken to ensure accuracy and completeness herein, Powertronix assumes no responsibility, and disclaims all liability, for damages resulting from use of this information or for any errors or omissions.
 Specifications subject to be changed without notice.



Antares Pro VNBB and VRBB battery cabinets are the ideal choice to optimize any your UPS system installation. Cabinet robust design optimizes the overall footprint and provide full compatibility with a wide range of battery configurations to meet application runtime needs.

Complete, pre-packaged battery cabinet systems are available, with battery breaker or fuse, wiring and batteries – all installed and ready to connect to UPS upon installation. Batteries are tested to assure system integrity and anchored to prevent damage in transit. Mechanical robustness and high quality batteries all combine to provide a complete battery system with the finished appearance of a UPS cabinet.



VNBB tower cabinet models range from 4pcs to 40pcs built in battery blocks.
(VRLA AGM 12V 7.2Ah or 9Ah)

VRBB rack/tower cabinet is ready for fitting up to 20pcs 12V battery.
(VRLA AGM 12V 7.2Ah or 9Ah)

Article No.	Item	Max batt	Dimensions - weight	
			Net weight - no blocks	
VNBB0101-0000	Tower cabinet	4 blocks	145x397x220(h)mm 5kg	Supply including UPS to battery cable 54cm cable for VNBB0101 54cm cable for VNBB0203 154cm cable for VNBB0610 154cm cable for VRBB0610
VNBB0203-0000	Tower cabinet	12 blocks	190x421x318(h)mm 12kg	
VNBB0610-0000	Tower cabinet	40 blocks	190x442x688(h)mm 24kg	
VRBB0610-0000	Rack/tower cabinet	20 blocks	438x580x133(3U) 18kg	



SNMP card, Modbus card, AS400 card work as an enhanced communication solution for **Antares Pro** UPS monitoring and management.

Powertronix SNMP Network Solution provides information on events concerning the supply of power to the computers connected to your network, carries out automatic shutdown of computer systems, monitors and controls all the UPSs connected to the network. Periodically accesses the information concerning the UPS, makes this information available to the connected applications (Intelligent Power Protector, Web Browser, Intelligent Power Manager, Network Management Systems) and sends notifications on certain events. Additional Environment Monitoring Device allows detection for environment temperature and humidity.

Modbus card is a communication accessory that provides a pair of RJ-45 interface for remote monitoring and controlling of UPSs. Card implements Modbus RTU protocol to interface via RS485 to PC or any Building Management System.

AS400 card provides potential free contacts to remotely monitoring UPS and to interface with PLC or signal control panel. Information delivered are UPS failure, Alarm, Main Fail, Bypass, Battery Low, UPS On.

Antares Pro UPS, any model and rating, is equipped with one intelligent slot to fit SNMP card, Modbus card or AS400 card. In the remote possibility you may concurrently need to install two interfaces, combined external solution available.

Product code

VN-AS400 for AS400 card / VN-SNMP for SNMP card / S806S400 for SNMP - AS400 card combined solution
VN-MBus for Modbus card / VN-EMD for Environment Monitoring Device