

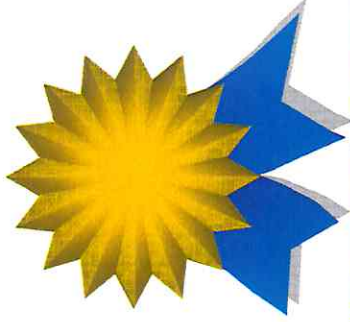
Model	1K	2K	3K	6K	10K
<b>Input</b>					
Input nominal voltage	200/208/220/230/240Vac				
Input voltage range	145 VAC $\pm$ 5 % o 300 VAC $\pm$ 5 %				
Input frequency	Nominal: 50 or 60 Hz / Range: 40 $\div$ 70 Hz				
Power factor	0.99				
Backfeed protection	on request				
Input current distortion	$\leq$ 3 % THD (linear load); $\leq$ 6 % THD (non linear load)				
<b>Automatic Bypass</b>					
Bypass nominal voltage	200/208/220/230/240VAC				
Bypass nominal frequency	50 or 60 Hz				
<b>Output</b>					
Output nominal power KVA	1	2	3	6	10
Output active power KW	0,9	1,8	2,7	5,4	9
Output nominal voltage	200/208/220/230/240Vac				
Output static voltage stability	$\pm$ 1%				
Output dynamic voltage stability	$\pm$ 5%				
Crest factor	3:1				
Output voltage distortion (linear load)	$\leq$ 3%				
Output nominal frequency	50Hz or 60Hz				
Output frequency stability	0.01%				
<b>Battery</b>					
Battery type	VRLA AGM o VRLA GEL				
Max charging current	1A	1A	1A	1 / 4A	
Battery charging profile	DIN 41733 Temperature compensated				
<b>Communication</b>					
Remote signals	Remote EPO				
Communication interface	Serial RS232				
Options	RS485 ModBus; SNMP/HTTP/MODBUS; AS-400				
<b>Mechanical data</b>					
Protection	IP 20				
Dimensions mm	282x145x220	397x145x220	421x190x318	369x190x668	442x190x668
Weight Kg	10	17	27	52	57
Noise at 1m dBA	<50dBA				
Storing temperature	-20°C $\div$ +70°C (UPS) +20°C $\div$ +30°C (Battery)				
Working environment temperature	+20°C $\div$ +40°C				
Relative humidity	95% non condensing				
Altitude	1000m slm (1% derating every 100m up to 2000m)				
<b>General</b>					
UPS efficiency	94%				
Overload	110% 10 min; 130% 1 min; >130% 30 sec				
Standards	Directive: LV 2014/35/UE Low Voltage Directive • EMC 2014/30/UE Electromagnetic Compatibility Directive Standards: Safety IEC EN 62040-1 • EMC IEC EN 62040-2 • IEC 62040-3 VFI -SS - 111 • RoHs compliant				

# *Certificate of Training*

## TO WHOM IT MAY CONCERN


We,  
the Italian company **POWERTRONIX s.r.l.**, hereby certify that **Mr. Ion Negru** has successfully completed the Technical Training Course, which has been sponsored by us for the benefit of **Intermed SRL**, located in the Republic of Moldova, that has been held from 6<sup>th</sup> of February to 09<sup>th</sup> of February 2023.

Therefore, **Mr. Ion Negru** has been instructed to install, operate, maintain and repair the **MIZAR, ALCOR, AURIGA, AURIGA HP, QUASAR, VELA, ATLAS, SUPERNOVA U.P.S.** manufactured by **POWERTRONIX s.r.l.**



Grezzago, Italy, 09<sup>th</sup> February 2023

**Powertronix Srl**  
**Società Unipersonale**

  
\_\_\_\_\_  
*Andrea Modenesi*

# *Certificate of Training*

TO WHOM IT MAY CONCERN

We,  
the Italian company **POWERTRONIX s.r.l.**, hereby certify that **Mr. Alexandr Grigoret** has successfully completed the Technical Training Course, which has been sponsored by us for the benefit of **Intermed SRL**, located in the Republic of Moldova, that has been held from 6<sup>th</sup> of February to 09<sup>th</sup> of February 2023.

Therefore, **Mr. Alexandr Grigoret** has been instructed to install, operate, maintain and repair the MIZAR, ALCOR, AURIGA, AURIGA HP, QUASAR, VELA, ATLAS, SUPERNOVA U.P.S. manufactured by **POWERTRONIX s.r.l.**.



Grezzago, Italy, 09<sup>th</sup> February 2023

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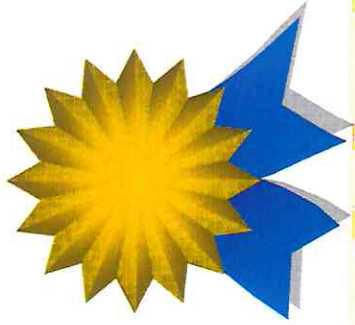
*Andrea Modenesi*

# *Certificate of Training*

## TO WHOM IT MAY CONCERN

We,  
the Italian company **POWERTRONIX s.r.l.**, hereby certify that **Mr. Andrei Guranda** has successfully completed the Technical Training Course, which has been sponsored by us for the benefit of **Intermed SRL**, located in the Republic of Moldova, that has been held from 6<sup>th</sup> of February to 09<sup>th</sup> of February 2023.

Therefore, **Mr. Andrei Guranda** has been instructed to install, operate, maintain and repair the **MIZAR, ALCOR, AURIGA, AURIGA HP, QUASAR, VELA, ATLAS, SUPERNOVA U.P.S.** manufactured by **POWERTRONIX s.r.l.**.



Grezzago, Italy, 09<sup>th</sup> February 2023

**Powertronix Srl**  
**Societă Unipersonale**

*Andrea Modenesi*

# CE DECLARATION OF CONFORMITY

## POWERTRONIX S.r.l.

Via Abruzzi 1 - 20056 Grezzago – Milano – Italia

Codice Fiscale e Partita Iva 08305700158

Iscrizione Tribunale n. 258503/6752/3MI - CCIAA n. 1214863 MI

Herewith we declare that below designated Uninterruptible Power Supply models are developed, designed and manufactured in accordance with

### European Directive

EC Directive on Electromagnetic Compatibility 2014/30/EU

EC Directive on Low Voltage Directive 2014/35/EU

RoHS Directive 2017/2102/EU replacing 2011/65/EU

### UPS Standards

EN 62040-1:2008+A1:2013      UPS: Safety

EN 62040-1-2                      UPS: Safety

EN 62040-2                        UPS: Electromagnetic Compatibility (EMC)

**EN 62040-3**                        UPS: Performances and tests

### Category: Uninterruptible Power Supply

Antares Pro UPS series 1÷10kVA	single phase UPS – tower/rack design
Vector HP UPS series 10÷30kVA	3 phase UPS – tower design
Vector RI UPS series 10÷100kVA	3 phase UPS – rack design
Mizar UPS series 10÷15kVA	3 phase UPS – tower design
Alcor UPS series 20÷40kVA	3 phase UPS – tower design
Coral UPS series 10÷80kVA	3 phase UPS – tower design
Auriga UPS series 60÷100kVA	3 phase UPS – tower design
Auriga HP UPS series 120÷200kVA	3 phase UPS – tower design
Auriga MV UPS series 20÷300kVA	3 phase UPS – modular design
Auriga MV9 UPS series 20÷90kVA	3 phase UPS – modular design
Auriga MS UPS series 100÷800kVA	3 phase UPS – modular design
Hyperion UPS series 100÷300kVA	3 phase UPS – tower design
Vela UPS series 40÷60kVA	3 phase UPS – tower design
Atlas UPS series 80÷120kVA	3 phase UPS – tower design
Supernova UPS series 160kVA÷300kVA	3 phase UPS – tower design

Grezzago (MI)

05-01-2024

**Powertronix S.r.l**

(Place)

(Date)

(Signature of the Legal Representative)