



**POWERTRONIX**

Uninterruptible Power Supply

**AURIGA**

UPS 60 - 100 kVA

PERFORMANCES



**AURIGA** IS THE NEW ON-LINE DOUBLE CONVERSION POWERTRONIX SERIES. THE UPS IS AVAILABLE IN 3 POWER RATINGS: 60, 80 AND 100KVA AND IT **PROVIDES MAXIMUM SAFETY POWER FOR A WIDE RANGE OF APPLICATIONS.**

THE RECTIFIER USES HIGH FREQUENCY SWITCHING **IGBTs** , GIVING A VERY LOW INPUT THD (< 3%) AND A SINUSOIDAL CURRENT ABSORPTION WITH **POWER FACTOR 1.**

UP TO 8 UNITS CAN BE CONNECTED IN PARALLEL FOR REDUNDANT OPERATIONS OR TO INCREASE POWER AVAILABILITY, PROVIDING AN HIGHER LEVEL OF RELIABILITY FOR CRITICAL APPLICATIONS.

ONE OF THE MOST IMPORTANT ADVANTAGES IS THE **HIGH FLEXIBILITY:** AURIGA CAN BE CONFIGURED IN DIFFERENT SETTINGS ACCORDING TO THE REQUIRED INPUT AND OUTPUT VOLTAGE AND/OR FREQUENCY.

IT CAN BE ALSO USED AS FREQUENCY CONVERTER – 50/60HZ AND VICEVERSA.

AURIGA CAN BE ADAPTED TO ALL THE REQUIREMENTS WITH A WIDE CHOICE OF TYPES AND AUTONOMIES. ADDITIONAL BATTERY CABINETS ALLOW THE RUNTIME TO BE EXTENDED UP TO SEVERAL HOURS.

**EASY AND QUICK TO INSTALL, IT'S THE BEST SOLUTION FOR CRITICAL POWER PROTECTION!**

*APPLICATIONS:*

- MEDICAL CENTERS
- IT NETWORKS
- ENTERPRISE SERVERS
- TELECOMMUNICATIONS
- INDUSTRIAL PROCESSES

**ACCESSORIES AND FEATURES:**

EMERGENCY POWER OFF (EPO)  
RELAY CARD FREE CONTACTS  
RS232 FOR REMOTE CONTROL  
POWER SAVE OPERATION MODE  
FREQUENCY CONVERTER 50/60 OR 60/50HZ  
SELF DIAGNOSTIC

**OPTIONS:**

Management Software  
SNMP Adapter  
Teleservice  
Remote Panel  
Isolation transformer  
Backfeed protection system

**TECHNICAL DATA:**

**AURIGA**

NOMINAL POWER (kVA)	60	80	100
ACTIVE POWER (kW)	48	64	80
TECHNOLOGY	ON LINE, DOUBLE CONVERSION		

**INPUT**

NOMINAL VOLTAGE	220/230/240 VAC (SINGLE PHASE +N) 380/400/415 VAC (THREE PHASE +N)
VOLTAGE RANGE	184 TO 276 VAC (SINGLE PHASE +N) 330 TO 480 VAC (THREE PHASE +N)
NOMINAL FREQUENCY	50/60 Hz
POWER FACTOR	1

**OUTPUT**

NOMINAL VOLTAGE	220/230/240 VAC (SINGLE PHASE +N) 380/400/415 VAC (THREE PHASE +N)
VOLTAGE STABILITY	±1%
NOMINAL FREQUENCY	50/60 Hz
POWER FACTOR	0.8
FULL LOAD EFFICIENCY	UP TO 95%

**GENERAL DATA**

DIMENSIONS	410 x 835 x 1510 mm (w x L x H)
IP PROTECTING RATING	IP20
NOISE	50 dB (A)
OPERATING TEMP. RANGE	0÷40 °C
BATTERY TEMP. RANGE	AS SUGGESTED BY THE BATTERY MANUFACTURER (18÷25 °C)
RELATIVE HUMIDITY	<95% NOT CONDENSING
COLOUR	BLACK RAL 7016
COMPLIANCE	EN62040-1, EN62040-2, EN62040-3