



MIZAR AND ALCOR, THE ULTIMATE POWERTRONIX UPS, USING A TRUE **ON-LINE DOUBLE CONVERSION TECHNOLOGY** PROTECT AND ISOLATE THE LOAD AGAINST BLACKOUT, BROWNOUT AND ALL POWER QUALITY DISTURBANCES. THESE **MULTIPURPOSE UPS** CAN BE USED AS THREE PHASE, SINGLE PHASE AND WITH THREE PHASE INPUT AND SINGLE PHASE OUTPUT.

THE MOST ADVANCED FEATURES ARE THE **RECTIFIER AND THE INVERTER WITH HIGH FREQUENCY SWITCHING IGBT**, GIVING A **VERY LOW INPUT THD (< 3%)** AND THE **INPUT SINUSOIDAL CURRENT ABSORPTION WITH POWER FACTOR 1**.

THANKS TO THE **TRAFOLESS** DESIGN, THESE UPS HAVE A **VERY HIGH EFFICIENCY (95%)** IN THE **SMALLEST DIMENSIONS** FOR THIS POWER RANGE. THE **PARALLEL REDUNDANCY** IS UP TO **8 UNITS**.

**FLEXIBLE AND VERSATILE**, MIZAR AND ALCOR ARE AVAILABLE IN **SIX DIFFERENT POWER RATINGS** (FROM 10 kVA TO 40 kVA) AND IN **DIFFERENT SETTINGS** ACCORDING TO THE DESIRED INPUT AND OUTPUT VOLTAGE AND FREQUENCY.

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*APPLICATIONS:*

- MEDICAL CENTERS
- COMPUTERS NETWORK AND SERVERS
- BROADCASTING STATIONS
- TECHNICAL AND ADMINISTRATIVE OFFICES
- LABORATORIES
- BANKS
- PRODUCTION LINES

## ACCESSORIES AND FEATURES:

EMERGENCY POWER OFF (EPO)	Management Software
RELAY CARD FREE CONTACTS	SNMP Adapter
RS232 FOR REMOTE CONTROL	Teleservice
POWER SAVE OPERATION MODE	Remote Panel
FREQUENCY CONVERTER 50/60 OR 60/50HZ	Isolation transformer
INTERNAL BATTERIES TILL 30 MINUTES AUTONOMY	Backfeed protection system
SELF DIAGNOSTIC	
FRONT ACCESS	

## TECHNICAL DATA:

	MIZAR		ALCOR			
	10	15	20	25	30	40
NOMINAL POWER (kVA)	10	15	20	25	30	40
ACTIVE POWER (kW)	8	12	16	20	24	32
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	390 x 900 x 900 mm (w x L x H)	
IP PROTECTING RATING	IP20	
NOISE	50 dB (A)	56 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	