

RELIABILITY
FLEXIBILITY



VELA, THE NEW POWERTRONIX UPS, AN IMPROVEMENT AND COMPLETION OF QUASAR SERIES, USING A **TRUE ON-LINE DOUBLE CONVERSION TECHNOLOGY** PROTECTS THE LOAD AGAINST BLACKOUT, BROWNOUT AND ALL POWER QUALITY DISTURBANCES.

THANKS TO THE TRAFOLESS DESIGN AND TO THE POWER MODULE WITH **HIGH FREQUENCY SWITCHING IGBT**, THESE UPS HAVE A **VERY HIGH EFFICIENCY (95%)** IN THE **SMALLEST DIMENSIONS** FOR THIS POWER RANGE.

FLEXIBLE AND VERSATILE, THEY ARE AVAILABLE IN THREE DIFFERENT RATINGS (QUASAR 40 kVA, VELA 50 kVA AND 60 kVA) AND CONFIGURATIONS ACCORDING TO THE REQUESTED INPUT THD REDUCTION.

THE PARALLEL REDUNDANCY, DONE WITH OPTICAL FIBERS, IS UP TO 8 UNITS.

THE SERIES IS USER FRIENDLY THROUGH MULTILINGUAL LCD DISPLAY.

APPLICATIONS:

- MEDICAL CENTERS
- POLICE STATIONS
- MOTORWAY TUNNELS
- BANKS
- TECHNICAL AND ADMINISTRATIVE OFFICES
- BROADCASTING STATIONS
- SUBWAYS
- AIRPORTS

ACCESSORIES AND FEATURES:

EMERGENCY POWER OFF (E.P.O.)
RELAY CARD FREE CONTACTS
RS232 FOR REMOTE CONTROL
POWER SAVE OPERATION MODE
FREQUENCY CONVERTER 50/60 HZ OR 60/50 HZ OPERATION MODE
INTERNAL BATTERIES (FOR QUASAR 40 kVA)
HEAT DISSIPATION FROM THE FRONT (QUASAR)

OPTIONS:

Management Software
SNMP Adapter
Teleservice
Remote Panel
Isolation transformer
Backfeed protection system
Extra relay card
Protection degree IP31

TECHNICAL DATA	QUASAR		VELA	
	NOMINAL POWER (kVA)	40	50	60
ACTIVE POWER (kW)	32	40	48	
TECHNOLOGY	ON LINE, DOUBLE CONVERSION			
INPUT				
NOMINAL VOLTAGE	380/400/415 VAC THREE PHASE + N			
VOLTAGE RANGE	330 TO 480 VAC			
NOMINAL FREQUENCY	50/60 Hz			
POWER FACTOR	> 0.95 (> 0.99*)			
OUTPUT				
NOMINAL VOLTAGE	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				
MECHANICAL DIMENSION	530 x 950 x 1230 mm (W x L x H)			
IP PROTECTION RATING	IP20 (UPGRADABLE TO IP31)			
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 (GREY RAL 7035 ON REQUEST)			
COMPLIANCE	EN62040-1, EN62040-2, EN62040-3			

(*) WITH 12 PULSE VERSION + INTEGRATED FILTER OPTIONS