

BLAZAR

(Emergency Power System 1 - 3KW)



- High frequency PWM inverter
- Single phase input
- Single phase pure sine wave output
- Insulation transformer on the inverter output
- High DC/AC efficiency
- Microprocessor control
- LCD Display for more information about the status of the Emergency Power System
- Automatic and manual battery test (Emergency version)
- Transfer time less than 0,5 sec.
- Operation to rescue or emergency (SA/SE) selectable
- External batteries – nominal voltage 48Vdc (S.E.L.V.)
- Automatic on/off weekly timer
- Suitable for any type of safety utilization
Specially suitable for electric lighting installation, pumps and home use
- Compact and small dimensions
- Easy wall installation
- Batteries Long Life 10 years (according to EN50171) for E version



Optional:

- Communications port RS232 and dry contact with management software
- Kit SNMP adapter with software
- Dry contact board
- Emergency Power Off (E.P.O.) for inverter shutdown immediate
- Remote control panel
- External control to activate the output
- Switching device for two pumps

BLAZAR MODEL		1000	1500	2000	2500	3000
POWER	POWER(W)	1000	1500	2000	2500	3000
INPUT	VOLTAGE	230 Vac +10/-20%				
	FREQUENCY	50 Hz +/- 5% (60 Hz - option)				
OUTPUT	TENSIONE MONOFASE	Line working: line Battery working: 230 Vac +/- 0,5%				
	FREQUENCY	Line working: line frequency Battery working: 50Hz +/- 0,005%				
	OVERLOAD	110% for 60 sec. - 130% for 10 sec. – short circuit management				
	WAVEFORM	Pure sinuwave				
	VOLTAGE DISTORTION (THD)	< 3% (linear load)				
	EFFICIENCY at full load	con rete presente > 98%; da batterie > 91%				
BATTERIES	RECHARGE TIME	6 - 10 ore per autonomia di circa 1 ora				
GENERAL NOTES	NOISE (dba at 1 meter)	< 40				
	OPERATING TEMPERATURE	da 0 a 40 °C				
	RELATIVE HUMIDITY AT 35° C	fino al 90% non corrosiva				
	DIMENSIONS (W X D X H) mm	315 x 255 x 555				
	PACKING DIMENSIONI (W X D X H) mm	430 x 350 x 740				
	WEIGHY (KG) without batteries	44	50	50	56	56
	COMPLIANCE	safety EN 62040-1-2, EMC EN 62040-2, CSS EN 50171 (battery on request)				
PROTECTIONS	ELECTRONIC	overload – short circuit – battery low				
	ELECTRIC	Input and output fuses and battery fuse (internal)				
	MECHANICAL	IP21				
SEGNALLING	OPTICAL	Functional emergency power system - overload – battery low				
	ACOUSTIC	Line fails – battery low - overload - battery test				