

STAR SS

(SOCCORRITORI 1 - 10KW)

MADE IN ITALY



- High frequency IGBT inverter
- Single phase input
- Single phase sinewave output
- Isolation transformer on the inverter output
- High DC/AC efficiency with PFC circuit on the input
- Microprocessor control
- LCD display for more clear information about the status of the Emergency Power System
- Automatic and manual battery test (emergency version)
- Transfer time less than 200msec.
- Rescue or emergency operation (SA/SE) selectable
- Automatic on/off weekly timer
- Suitable for any type of safety utilization
- Specially suitable for electric lighting installation (incandescence bulb, neon or electronic lamps , pumps or others)
- Batteries Long Life 10 years expected (according to EN50171) for E version

Optional :

- Three phase input
- Communication port (RS232 + dry contact) and management software
- Kit SNMP adapter with software
- Relay contact board
- Contact Emergency Power Off (E.P.O.) for inverter shutdown immediate
- Turn On even without mains voltage (on battery operation)
- Double output SA+SE (emergency and rescue operation)
- Remote control panel

STAR SS MODEL		1000	2000	3000	4000	5000	7500	10000
POWER	POWER (KW)	1	2	3	4	5	7,5	10
INPUT	RATED VOLTAGE	230 Vac +10/-20%						
	RATED FREQUENCY	50 Hz +/- 5%						
OUTPUT	VOLTAGE	With mains voltage present : mains voltage On battery operation: 230 Vac +/- 0,5%						
	FREQUENCY	With mains voltage present: synchronized to mains On battery operation: 50Hz +/- 0,005%						
	OVERLOAD	110% for 60 sec. - 130% for 10 sec. – short circuit management						
	WAVEFORM	Sinewave						
	VOLTAGE DISTORSION (THD)	< 3% (linear load)						
	EFFICIENCY at full load	With mains present > 98% - On battery operation > 91%						
BATTERIES	BACK-UP	1h – 2h / or on request						
	RECHARGE TIME	8h						
GENERAL NOTES	NOISE (dba at 1 meter)	< 40						
	OPERATING TEMPERATURE	0 to 40 °C						
	RELATIVE HUMIDITY AT 35° C	< 90% no condensing						
	DIMENSIONS (W X D X H) mm	805 x 600 x 905						
	PACKING DIMENSIONS (W X D X H) mm	861 x 688 x 987						
	WEIGHT (KG) without batteries	60	60	64	72	80	98	110
	COMPLIANCE	safety EN 62040-1-2, EMC EN 62040-2, CSS EN 50171 (without batteries)						
PROTECTIONS	ELECTRONIC	overload – short circuit – low battery						
	ELECTRIC	Input and battery fuses – circuit breaker output						
	MECHANICAL	IP21						
SIGNALLING	OPTICAL	Functional emergency power system status - overload – low battery						
	ACOUSTIC	mains fails – low battery - overload – test battery						