

# STARINV (INVERTER 1 - 2KW)



MADE IN ITALY



- Inverter MOSFET with low loss at high frequency with high efficiency
- Wide DC input range
- Output 230Vac, single phase, pure sinewave
- Isolating transformer on the inverter output
- Limit inrush current at power start
- DSP microprocessor for inverter control and management user interfaces
- Display and leds for greater information on the status of the inverter
- Self diagnosis of faults

### Option:

- Pulse input (TTL)
- E.P.O. ( Emergency Power Off )
- Alarms on dry contact
- Internal static bypass switch
- Communication interface (RS-232) and software for monitoring and management
- SNMP adapter with software

Possibility of others power size, with custom solution.

STARINV MODEL		1000	1500	2000
<b>POWER</b>	<b>POWER (W)</b>	1000	1500	2000
<b>INPUT</b>	<b>DC INPUT VOLTAGE</b>	24 / 48 / 60 / 110 / 220 Vdc ( ask on the order)		
<b>OUTPUT</b>	<b>VOLTAGE</b>	230 Vac +/-3%		
	<b>FREQUENCY</b>	50Hz +/- 0,05%		
	<b>OVERLOAD</b>	110% for 60sec - 130% for 10sec - short circuit management		
	<b>WAVEFORM</b>	Sinewave		
	<b>VOLTAGE DISTORSION (THD)</b>	< 2% with full linear load		
	<b>EFFICIENCY AT FULL LOAD</b>	92%		
<b>GENERAL NOTES</b>	<b>CONNECTIONS</b>	clamps		
	<b>NOISE (dba at 1 meter)</b>	< 40		
	<b>OPERATING TEMPERATURE</b>	0 to 40 °C		
	<b>RELATIVE HUMIDITY AT 35° C</b>	< 90% no condensing		
	<b>DIMENSIONS (W x D x H) mm *</b>	483 x 355 x 88 (2U)		
	<b>PACKING DIMENSIONS (L x P x H) mm</b>	630 x 570 x 220		
	<b>WEIGHT (Kg)</b>	18	20	24
	<b>COMPLIANCE</b>	safety EN 62040-1, EMC EN 62040-2, efficiency EN 62040-3		
<b>PROTECTIONS</b>	<b>ELECTRONIC</b>	overload - short circuit - min/max input voltage - low output voltage		
	<b>ELECTRIC</b>	Input fuse		
	<b>MECHANICAL</b>	IP21		
<b>SIGNALLING</b>	<b>OPTICAL</b>	Status of the inverter - overload - alarms		
	<b>ACOUSTIC</b>	overload - short circuit - input min/max voltage - output low voltage		

• With options the dimensions can be different

POWER	MODEL	CODE	Vin-dc (V)	DIM. (WxDxH) (mm)	WEIGHT (Kg)
<b>1000W</b>	STARINV 1000-24	INV24-230-1K-2U	24	483 x 355 x 88 (2U)	18
	STARINV 1000-48	INV48-230-1K-2U	48	483 x 355 x 88 (2U)	18
	STARINV 1000-60	INV60-230-1K-2U	60	483 x 355 x 88 (2U)	18
	STARINV 1000-110	INV11-230-1K-2U	110	483 x 355 x 88 (2U)	18
	STARINV 1000-220	INV22-230-1K-2U	220	483 x 355 x 88 (2U)	18
<b>1500W</b>	STARINV 1500-24	INV24-230-1K5-2U	24	483 x 355 x 88 (2U)	20
	STARINV 1500-48	INV48-230-1K5-2U	48	483 x 355 x 88 (2U)	20
	STARINV 1500-60	INV60-230-1K5-2U	60	483 x 355 x 88 (2U)	20
	STARINV 1500-110	INV11-230-1K5-2U	110	483 x 355 x 88 (2U)	20
	STARINV 1500-220	INV22-230-1K5-2U	220	483 x 355 x 88 (2U)	20
<b>2000W</b>	STARINV 2000-24	INV24-230-2K-3U	24	483 x 475 x 133 (3U)	25
	STARINV 2000-48	INV48-230-2K-2U	48	483 x 355 x 88 (2U)	24
	STARINV 2000-60	INV60-230-2K-2U	60	483 x 355 x 88 (2U)	24
	STARINV 2000-110	INV11-230-2K-2U	110	483 x 355 x 88 (2U)	24
	STARINV 2000-220	INV22-230-2K-2U	220	483 x 355 x 88 (2U)	24

CODE	DESCRIPTION
7003I	SNMP adaptor and software
7007	Communication RS232 port
7007S	Pulse input (TTL)
7011I	Emergency Power Off connection ( E.P.O.)
7013	Alarm status on dry contact
7014	Low DC alarm
7015	Thermostatic fan
7016	Galvanic isolation
	Internal static bypass (on rack 3U dimensions)