

STARINV

(INVERTER 3 - 6KW)



- 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
- Thermostatic fan
- Galvanic insulating in input and output
- Display and leds for greater information on the status of the inverter
- Self diagnosis of faults

Option:

- Input pulse (VAC)
- Emergency Power Off (E.P.O.)
- Alarms on dry contact
- Internal static bypass switch
- Communication RS-232 port and software to monitor and management
- SNMP adapter with software

STARINV MODEL		3000	4000	5000	6000
POWER	POWER (W)	3000	4000	5000	6000
INPUT	DC VOLTAGE	48 / 60 / 110 / 220 Vdc (ask on the order)			
OUTPUT	VOLTAGE	230 Vac +/-3%			
	FREQUENCY	50Hz +/- 0,05%			
	OVERLOAD	110% for 60sec - 130% for 10sec – short circuit management			
	WAVEFORM	Sinuwave			
	VOLTAGE DISTORSION (THD)	< 2% at full load (linear)			
	EFFICIENCY	92%			
GENERAL NOTES	CONNECTIONS	Clamps			
	NOISE (dba at 1 meer)	< 40			
	OPERATING TEMPERATURE	0 to 40 °C			
	RELATIVE HUMIDITY AT 35° C	< 90% o condensing			
	DIMENSIONS (W x D x H) mm *	483 x 475 x 133 (3U)	483 x 475 x 222 (5U)		
	PACKING DIMENSIONS (W x D x H)	630 x 570 x 270	650 x 570 x 440 (5U)		
PROTECTIONS	WEIGHT (Kg)	27	35	37	
	COMPLIANCE	safety EN 62040-1, EMC EN 62040-2, efficiency EN 62040-3			
	ELECTRONIC	overload – short circuit – min/max input voltage –low output voltage			
	ELECTRIC	Input fuse			
SIGNALLING	MECHANICAL	IP21			
	OPTICAL	Status of the inverter - overload – anomalies			
	ACOUSTIC	overload – short circuit – min/max input voltage – low output voltage			

* Le dimensioni indicate possono variare in presenza di opzi oni.

POWER	MODEL	CODE	Vin-dc (V)	DIM. (WxDxH) (mm)	WEIGHT (Kg)
3000W	STARINV 3000-48	INV48-230-3K-3U	48	483 x 475 x 133 (3U)	27
	STARINV 3000-60	INV60-230-3K-3U	60	483 x 475 x 133 (3U)	27
	STARINV 3000-110	INV11-230-3K-3U	110	483 x 475 x 133 (3U)	27
	STARINV 3000-220	INV22-230-3K-3U	220	483 x 475 x 133 (3U)	27
4000W	STARINV 4000-48	INV48-230-4K-5U	48	483 x 475 x 222 (5U)	35
	STARINV 4000-110	INV11-230-4K-5U	110	483 x 475 x 222 (5U)	35
	STARINV 4000-220	INV22-230-4K-5U	220	483 x 475 x 222 (5U)	35
5000W	STARINV 5000-48	INV48-230-5K-5U	48	483 x 475 x 222 (5U)	35
	STARINV 5000-110	INV11-230-5K-5U	110	483 x 475 x 222 (5U)	35
	STARINV 5000-220	INV22-230-5K-5U	220	483 x 475 x 222 (5U)	35
6000W	STARINV 6000-48	INV48-230-6K-5U	48	483 x 475 x 222 (5U)	38
	STARINV 6000-110	INV11-230-6K-5U	110	483 x 475 x 222 (5U)	38
	STARINV 6000-220	INV22-230-6K-5U	220	483 x 475 x 222 (5U)	38

Available others power

Option

CODE	DESCRIPTION
7003I	SNMP adaptor with software management
7007	Communication RS-232 port
7007S	Input pulse
7011I-NX	Emergency Power Off (E.P.O.) on dry contact
7012	Interface contacts
7013	Dry alarm
7014	Low DC alarm
	Internal static by-pass