



- ◆ DC/AC inverter
- ◆ Used as mains source for most electronics equipment
- ◆ Overvoltage protected/short circuit proof at output
- ◆ Input terminal: 6,3 mm push-on terminals. Standard with 1m battery leads and clips
- ◆ Output: 230 V: socket (IEC 83)
- ◆ Mounting brackets available
- ◆ Complies with the relevant EU directives
- ◆ CE-marked

ELECTRICAL SPECIFICATIONS

INPUT VOLTAGE:	24VDC, 36VDC, 48VDC, 120VDC, 270VDC, other options on request.	PROTECTION:	Current limiting with short circuit protection. Self re-setting thermostat for thermal protection
INPUT RANGE:	±20% of nominal, other options on request.	IMMUNITY:	EN61000-4-2 ESD EN61000-4-4 Fast Transients & Bursts EN61000-4-5 Surge Immunity EN61000-4-6 Injected RF Immunity
EFFICIENCY:	Model dependent, typically 80%	EMI/RFI:	EN55011 Class A
OUTPUT FREQUENCY:	50Hz and 60Hz standard, other options on request	LOAD CREST FACTOR:	Maximum 3 at full load
INPUT PROTECTION:	Thermal fuse, inrush current limiting, reverse polarity protection	HARMONIC DISTORTION:	Less than 3% at 90% load
ISOLATION:	For input >60V: Input - output: 2250VDC Output - chassis: 1500VDC For input <60V: Input - output: 1500VDC Input - chassis: 500VDC	OPERATING TEMP:	0° to +50°C. Consult Snaptec for extended temperature range
SAFETY:	Designed to meet IEC950/AS3260	TEMPERATURE DRIFT:	0.05% per °C over operating temperature range
OUTPUT VOLTS:	115V and 230V standard, other options on request	OUTPUT ALARM:	Not available
POWER:	500 Watts	DIMENSIONS:	254 x 356 x 67mm (W x D x H)
LOAD REGULATION:	±6.0% from 10% to 100% load	WEIGHT:	4.1kg
LINE REGULATION:	±0.5% over input range		

SELECTION TABLE

Model	Input Voltage	Pout (W)	Vout
SPI500-24	24V	500	230V 50Hz
SPI500-48	48V	500	230V 50Hz
SPI500-72	72V	500	230V 50Hz
SPI500-108	108V	500	230V 50Hz
SPI500-120	120V	500	230V 50Hz
SPI500-270	270V	500	230V 50Hz

MECHANICAL DRAWING

