



## SOLO INVERTERS

### SINEWAVE



### ADVANTAGES

- Significant overload capacity for starting surges.
- High efficiency-Low stand-by consumption.
- High reliability, limited size and weight.
- Fuse integrated protection.
- Battery protection with stop on low voltage.
- Silent and comfort.

### RANGE POSSIBILITIES

- **INCOMING POWER** : voltage 12, 24 or 48VDC.
- **OUTPUT** : voltage 230VAC - single phase - 50Hz, power from 200VA to 3500VA.  
On request : 115VAC - 50Hz/60Hz or 230VAC - 60Hz.

### GENERAL SPECIFICATIONS

- **INCOMING POWER** :  
voltage 12, 24 or 48VDC (-12 % +30 %),  
reduced consumption off load.
- **OUTPUT** :  
230VAC single phase +/- 5 %, frequency 50Hz +/- 0,05 %,  
sinewave - distortion  $\leq 3$  %, power factor - inductive and capacitive,  
instantaneous power from 1,5 to 3,5 rated power according to model.
- **COMMON CHARACTERISTICS** :  
galvanic isolation input output  $\geq 2$  M $\Omega$ ,  
electric rigidity 2 U+1000, conditions for standard functioning :
  - temperature from - 20 to + 50 °C,
  - humidity from 0 to 95 % without condensation,
  - acoustic noise  $\leq 45$  db.
- **PHYSICAL CHARACTERISTICS** :  
features : standart IP 20 metal grey box, IP30 for models  $\leq 800$  W.  
Connection of cables by means of terminal block through a cable gland,  
depending on model.
- **EC CONFORMITY** :  
EN 50081 I/II ▪ EN 50014 ▪ EN50022 ▪ EN60950 ▪ EN50091-2  
IEC 801 II/III/IV ▪ CEI 555.EN 60950

### PRESENTATION

The aim of the inverters is to convert batteries direct voltage into 230VAC/50Hz alternating current.

The SOLO digital sinewave has reduced the number of components and increased the equipment reliability.

#### ◆ USE

The SOLO inverters deliver a sinusoidal wave identical to mains supply. Their physical characteristics enable a wide scope of applications : marine, mobile, renewable energy, industry, etc.

- **Data processing** :  
vehicule equipped with computing equipment,  
on-board computer, automatic systems, etc.
- **Télécommunications** :  
radio communication relay,  
on-board telephony, radio stations and beacons,  
radionavigation, etc.
- **Lighting** :  
security lighting, incandescent and fluorescent lighting, etc.
- **Domestic and industrial equipment** :  
domestic appliances, television, portable tools,  
refrigerators, micro-waves, etc.



# SOLO INVERTERS

Sinewave



## STANDARD RANGE

Input : 12, 24 or 48VDC  
Output : 230VAC, single phase, 50Hz  
Sinusoidal signal - Wall mounted box



PART NUMBER	INPUT VOLTAGE	CONSTANT POWER	MAXIMUM POWER	INSTANTANEOUS POWER (5s)	EFFICIENCY	DIMENSIONS	WEIGHT
SEEL006054B	12V	200VA	275VA (30mn)	450VA	93%	163 x 142 x 84 mm	2,4 Kg
SEEL006056B	12V	400VA	500VA (30mn)	1000VA	93%	240 x 142 x 84 mm	4,5 Kg
SEEL006072*	12V	800VA	1000VA (30mn)	2200VA	93%	428 x 142 x 84 mm	8,5 Kg
SEEL006088*	12V	2000VA	2100VA (30mn)	5000VA	92%	399 x 273 x 117 mm	19 Kg
SEEL006050B	24V	300VA	350VA (30mn)	650VA	94%	163 x 142 x 84 mm	2,6 Kg
SEEL006052B	24V	500VA	600VA (30mn)	1200VA	94%	240 x 142 x 84 mm	4,5 Kg
SEEL006074*	24V	1000VA	1300VA (30mn)	2800VA	94%	428 x 142 x 84 mm	8,5 Kg
SEEL006090*	24V	2000VA	2400VA (30mn)	5200VA	94%	399 x 273 x 117 mm	18 Kg
SEEL006092	24V	2300VA	3000VA (15mn)	8000VA	95%	591 x 215 x 124 mm	27 Kg
SEEL006822	24V	3300VA	4300VA (15mn)	11000VA	95%	636 x 215 x 124 mm	30 Kg
SEEL006954	48V	300VA	400VA (30mn)	1000VA	94%	163 x 142 x 84 mm	2,6 Kg
SEEL008368	48V	500VA	700VA (30mn)	1400VA	94%	240 x 142 x 84 mm	4,5 Kg
SEEL006082	48V	1200VA	1800VA (15mn)	4200VA	95%	391 x 215 x 124 mm	13,2 Kg
SEEL006094	48V	2300VA	3400VA (15mn)	8000VA	95%	636 x 215 x 124 mm	27 Kg
SEEL006096	48V	3500VA	4300VA (15mn)	12000VA	95%	791 x 215 x 124 mm	38 Kg

\*Possible option : ON/OFF remote control box including 5m cable, part number : SEEL007130

Variant : 115VAC/60Hz or 230VAC/60Hz on request

Minimum required battery capacity = C.Ah > 5 x Inverter constant power (VA) / Inverter input voltage (V)

The characteristics given in this sales brochure do not have contractual force and CRISTEC reserves the right to modify the product technical characteristics without prior notice.  
Please consult us before any technical integration.