



TELECOM-
MUNICATION
DEVICES



INDUSTRIAL
PLCS



INDUSTRIAL
PROCESSES



ELECTRO-
MEDICAL
DEVICES

Sinux Inverters

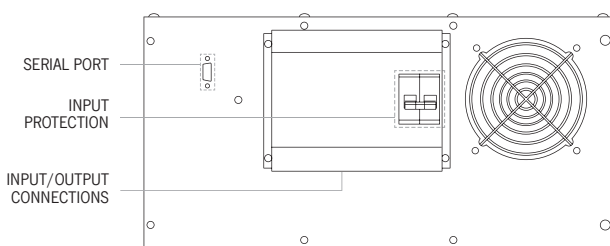
Sinux Inverters



SINUX is a range of 12/24/48/110 Vdc **INVERTERS** with a 230 Vac 50Hz sinewave output.

The output is galvanically isolated thanks to a built in transformer. The inverters are very efficient and have a wide input voltage window, that allows them to be used directly with photovoltaic (solar) panels.

S12 - S24 - S48 - SK1



TECHNICAL DETAILS

CHARACTERISTICS

- Standard galvanic isolation: the system has a built in transformer to ensure galvanic isolation.
- Wide input voltage range: the inverters have a wide input range and are compatible with photovoltaic systems and do not require extra regulation hardware
- Full diagnostics: the inverters provide both visual and audible status and diagnostic information
- Built-in protection. Protection includes: over and under voltage, reverse polarity, overloads, short circuits and over temperature
- Automatic restart: the inverters auto restart when the alarm condition is resolved
- Optional bypass
- Optional LCD display
- Dry contacts interface board:
 - **standard:** dc voltage present; dc voltage low
 - **optional:** overload; inverter fault; overtemperature
- Special versions available on request
- Compatible options available on request

The complete range of power solutions

Uninterruptible Power Supplies, Central Battery Supply Units, Static Transfer Switches, Generators and Inverters



MODELS	POWER (W)	INPUT		OUTPUT		ENVIRONMENTAL		AVAILABLE OPTIONS				
		Rated voltage	Voltage range	Output current (A)	Overload (W) for 5"	Weight (kg)	Dimensions (HxWxD) (mm)	By-pass	LCD Display	Remote contacts		
SINUX INVERTERS S12 (12 Vdc input)												
S12 120	115	12 V	10.2 - 18 V	0.5	300	13	4U x 19" x 410		•	•		
S12 160	161			0.7	400	15			•	•		
S12 350	345			1.5	600	30			•	•		
S12 460	460			2	800	32	4U x 19" x 510		•	•		
S12 580	575			2.5	1000	35			•	•		
S12 690	690			3	1200	40	5U x 19" x 510		•	•		
S12 800	805			3.5	1400	45			•	•		
SINUX INVERTERS S24 (24 Vdc input)												
S24 030	30	24 V	19 - 43 V	0.13	50	3	2U x 19" x 160					
S24 230	230			1	600	13	4U x 19" x 410	•	•	•		
S24 320	322			1.4	800	15			•	•	•	
S24 530	529			2.3	1000	19			•	•	•	
S24 780	782			3.4	1200	30	4U x 19" x 510	•	•	•		
S24 920	920			4	1600	32			•	•	•	
S24 1K1	1150			5	2000	35	5U x 19" x 510	•	•	•		
S24 1K4	1380			6	2500	40			•	•	•	
S24 1K6	1610			7	2800	45			•	•	•	
S24 1K8	1840			8	3000	52	5U x 19" x 710	•	•	•		
S24 2K7	2760			12	4000	60			•	•	•	
S24 3K6	3680			16	5000	72	5U x 19" x 710	•	•	•		
S24 4K1	4140			18	6000	80			•	•	•	
SINUX INVERTERS S48 (48 Vdc input)												
S48 030	30			48 V	39 - 60 V	0.13	50	3	2U x 19" x 160			
S48 100	100					0.45	130	3.5	4U x 19" x 410			
S48 150	150					0.65	230	4			•	•
S48 320	322	1.4	800			13		•		•	•	
S48 460	460	2	1000			15	4U x 19" x 510	•	•	•		
S48 690	690	3	1200			19			•	•	•	
S48 920	920	4	1500			30	5U x 19" x 510	•	•	•		
S48 1K1	1150	5	2000			32			•	•	•	
S48 1K4	1380	6	2500			35			•	•	•	
S48 1K7	1725	7.5	3500		40	5U x 19" x 510	•	•	•			
S48 2K0	2070	9	4000		45			•	•	•		
S48 2K5	2530	11	4500		52	5U x 19" x 710	•	•	•			
S48 3K4	3450	15	6000		60			•	•	•		
S48 4K1	4140	18	7000		66			•	•	•		
S48 5K0	5060	22	8000		72	5U x 19" x 710	•	•	•			
S48 6K2	6210	27	9000		78			•	•	•		
S48 6K9	6900	30	10000		83		•	•	•			
SINUX INVERTERS SK1 (110 Vdc input)												
SK1 030	30	110 V	88 - 145 V		0.13	50	3.5	2U x 19" x 160				
SK1 100	104				0.45	130	4	4U x 19" x 410				
SK1 150	150				0.65	180	4			•	•	•
SK1 320	322				1.4	800	13			•	•	•
SK1 460	460				2	1000	15	4U x 19" x 510	•	•	•	
SK1 690	690				3	1200	19			•	•	•
SK1 920	920				4	1500	30	5U x 19" x 510	•	•	•	
SK1 1K1	1150				5	2000	32			•	•	•
SK1 1K4	1380				6	2500	35			•	•	•
SK1 1K7	1825			7.5	3500	40	5U x 19" x 510	•	•	•		
SK1 2K0	2070			9	4000	45			•	•	•	
SK1 2K5	2530			11	4500	50	5U x 19" x 710	•	•	•		
SK1 2K8	2875			12.5	5000	55			•	•	•	
SK1 3K5	3450			15	6000	60			•	•	•	
SK1 4K1	4140			18	7000	66	5U x 19" x 710	•	•	•		
SK1 5K0	5060			22	8000	72			•	•	•	
SK1 6K2	6210			27	9000	78	5U x 19" x 710	•	•	•		
SK1 6K9	6900			30	10000	83			•	•	•	

Product characteristics can be customised to meet client specifications.

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