

## EA-TWI, EA-SRX-PB 80VA - 1000VA DC-AC 逆變器 / DC-AC INVERTER



- DC-輸入電壓: 12V 和 24V
- 輸出電壓 230V 50Hz
- 輸出功率: 80VA 至 1000VA
- 修正正弦波, 採用脈寬調制 (PWM)
- 輸入/輸出電隔離 (SRX-PB)
- 高效
- 輸入欠壓保護警報
- 輸入過壓保護警報
- 過溫 / 過載 / 短路保護
- 符合 EN 60950, EN 60146-2 安規標準
- EMI: EN 55014/1 和 EN 55014/2

DC-AC 逆變器專用於無市電供應的區域作變通應用。

本產品與 12V 或 24V 直流源, 特別是電池一起操作。交流電壓從 2 或 3 pin 插座輸出, 傳輸給功率設備, 如: 電腦, 筆記本, TV 接收器等, 以及一些工業設備。

本逆變器輸出修正正弦的電壓。EA-TWI 系列輸入-輸出無電隔離, 而 EA-SRX-PB 系列則有。

它具有擴展保護功能, 比如: 過載/過熱保護和電池保護。

輸出功率在 300VA 以下的類型配 2 極 Eu 型扁平插座, 600VA 至 1000VA 的類型配德國 Schuko 插座。

- DC input voltages: 12V and 24V
- Output voltage 230V 50Hz
- Output powers: 80VA up to 1000VA
- Modified sine wave, pulse wide modulation (PWM)
- Input/output galvanically isolated (SRX-PB)
- High efficiency
- Input undervoltage protection with alarm
- Input overvoltage protection with alarm
- Overtemperature / overload / short-circuit protection
- Safety EN 60950, EN 60146-2
- EMI: EN 55014/1 and EN 55014/2

DC-AC inverters are designed to operate in versatile applications where no mains supply is available.

These models operate with a 12V or 24V DC source, typically a battery. The AC output voltage (230V/50Hz) is available at a 2 or 3 pin socket (depending on model) to power equipment like computers, notebooks, TV receivers etc., as well as some industrial equipment.

The inverters provide a modified sine wave output voltage. The series EA-TWI is not galvanically insulated, the series EA-SRX-PB is.

The units are equipped with extensive protection facilities such as overload/overheat and battery protection.

Units up to 300VA are equipped with a 2 pole Euro flat socket, unit with 600 to 1000VA with german Schuko sockets.

技術參數	Technical Data	TWI 100-12	TWI 150-12	TWI 150-24	TWI 220-12	TWI 220-24	SRX-PB 150-12	SRX-PB 150-24
輸入電壓	Input voltage	11...15VDC	11...15VDC	20...30VDC	11...15VDC	20...30VDC	10,5...15VDC	20...30VDC
輸出電壓	Output voltage	230VAC ±5%	230VAC ±5%	230VAC ±5%	230VAC ±5%	230VAC ±5%	230VAC ±5%	230VAC ±5%
輸出功率	Output power	80VA	130VA	130VA	180VA	180VA	150VA	150VA
峰值輸出功率	Output peak power	100VA	140VA	140VA	220VA	220VA	300VA	300VA
效率	Efficiency	>90%	>90%	>90%	>90%	>90%	>80%	>83%
波形	Waveform	梯形/Trapez	梯形/Trapez	梯形/Trapez	梯形/Trapez	梯形/Trapez	梯形/Trapez	梯形/Trapez
尺寸WxHxD (mm)	Dim. WxHxD (mm)	65x38x142	70x45x123	70x45x123	70x45x158	70x45x158	119x66x149	119x66x149
重量	Weight	0,22kg	0,40kg	0,40kg	0,5kg	0,5kg	0,70kg	0,70kg
產品編號	Article No.	35310129	35310100	35310101	35310163	35310137	35300114	35300115
技術參數	Technical Data	SRX-PB 300-12	SRX-PB 300-24	SRX-PB 600-12	SRX-PB 600-24	SRX-PB 1000-12	SRX-PB 1000-24	
輸入電壓	Input voltage	10,5...15VDC	20...30VDC	10...15VDC	20...30VDC	10...15VDC	20...30VDC	
輸出電壓	Output voltage	230VAC ±5%	230VAC ±5%	230VAC ±5%	230VAC ±5%	230VAC ±5%	230VAC ±5%	
輸出功率	Output power	300VA	300VA	600VA	600VA	1000VA	1000VA	
峰值輸出功率	Output peak power	500VA	500VA	1000VA	1000VA	2000VA	2000VA	
效率	Efficiency	>80%	>83%	>85%	>85%	>85%	>85%	
波形	Waveform	梯形/Trapez	梯形/Trapez	梯形/Trapez	梯形/Trapez	梯形/Trapez	梯形/Trapez	
尺寸WxHxD (mm)	Dim. WxHxD (mm)	149x66x193	149x66x193	236x83x280	236x83x280	236x83x360	236x83x360	
重量	Weight	0,95kg	0,95kg	2,20kg	2,20kg	3,10kg	3,10kg	
產品編號	Article No.	35300116	35300117	35300118	35300119	35300120	35300121	