

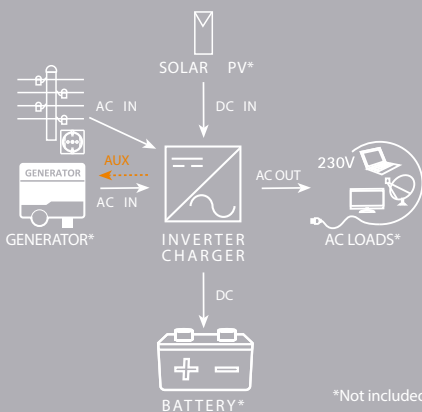
IXS™ Series



IXS™ Series



Digital Display
Easy to use



IXS™ Series

Smart True Sinewave Inverter-Charger with Integrated Solar Charge Controller

Product Overview

- Pure sinewave inverter (AC output)
- Smart battery charger. Charges batteries from the utility or another auxiliary power supply (AC input)
- Solar charge controller (PWM or MPPT). Charges batteries from solar photovoltaic panels (DC input)
- Three-stage charging method (Bulk – Absorption – Float) (adjustable parameters)
- Battery type: AGM, Flooded or user defined
- Controlled by a microprocessor for high efficiency
- Easy to use and install
- LCD display, intuitive menu, 3 indicator LEDs and 4 setting buttons
- Widely configurable: input (AC or solar), charging current, automatic start of a generator, AC input voltage range (appliances or UPS),...
- Low self-consumption with “energy saving” mode
- Lightweight. Anodized aluminium casing
- With full protections
- Low/high battery alarm and protection
- Cold start function
- Auto restart while AC is recovering
- Isolation design between input and output for safety guarantee
- High quality sinewave output, even better than the household AC power
- Ideal to run motors, appliances, microwaves, ovens, consumer electronics, sensitive electronics...
- Ideal for photovoltaic and hybrid Off-Grid and Off-Shore applications: UPS and Back-up, telecom and CATV, traffic, agricultural, marine and caravan, cathodic protection, professional installations...
- Relay for an automatic start of a generator (DCCP, optional)
- Parallel operation. Up to 20kVA in single-phase mode (up to 4 units) and up to 15kVA in three-phase mode (up to 4 units). Only for 5kVA models (Connection KIT PKIXS5000, optional)

Available Models

IXS-1000-12-PWM-R 12VDC / 1000VA-800W / PWM - Solar Charge Controller
 IXS-3000-24-PWM-R 24VDC / 3000VA-2400W / PWM - Solar Charge Controller
 IXS-5000-48-PWM-R 48VDC / 5000VA-4000W / PWM - Charge Controller
 IXS-5000-48-MPPT-R 48VDC / 5000VA-4000W / MPPT - Solar Charge Controller

Industry Leading Technology for Off-Grid, Off-Shore and Backup Power Applications



SOLAR



WIND



MARINE
BOAT



CARAVAN
CAMPING



UPS-BACKUP
ENERGY



PROFESSIONAL



TELECOM
CATV



AGRICULTURAL



WORKS



TRAFFIC



Islanders™
Series

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IXS™ Series

Specifications



Model	IXS-1000-12-PWM-R	IXS-3000-24-PWM-R	IXS-5000-48-PWM-R	IXS-5000-48-MPPT-R
Rated Power:	1000 VA / 800W	3000 VA / 2400W	5000 VA / 4000W	5000 VA / 4000W
Input DC Voltage:	12 VDC	24 VDC	48 VDC	48 VDC
Efficiency (peak):	90%	93%	93%	93%
Max. Charge Current:	10 or 20A	20 or 30A	2A, 10A, 20A or 30A	2A, 10A, 20A or 30A
Saving Mode Power Consumption:	<5W	<10W	<15W	<15W
Output AC Voltage (50-60Hz):	230VAC $\pm 5\%$	230VAC $\pm 5\%$	230VAC $\pm 5\%$	230VAC $\pm 5\%$
Surge Power:	2000 VA/1600W	6000 VA/4800W	10000 VA/8000W	10000 VA/8000W
Transfer time:	10ms/20ms	10ms/20ms	10ms/20ms	10ms/20ms
Dimensions (D x W x H mm):	100 x 242 x 327	105 x 275 x 370	120 x 300 x 472	140 x 295 x 540
Net Weight (kg):	6.1	7.4	9.8	13.4
Solar Charge Controller (Integrated):	50A / MAX. 30VDC PWM	50A / MAX. 60VDC PWM	50A / MAX. 90VDC PWM	60A / MAX. 115VDC MPPT
Minimum Battery Capacity (recommendation):	100Ah-12V	200Ah-24V	200Ah-48V	200Ah-48V

Available Accessories

- PKIXS5000: parallel connection KIT for multiple units IXS5000-48
- DCCP: KIT relay for IXS1000-12, IXS3000-24 and IXS5000-48.

IS-2006216-GAH



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