

IXS-ON™ Series

code: IXS-ON



IXS-ON-3000 | IXS-ON-5000

Pure sine wave Inverter-Charger with integrated solar charge controller IXS-ON™ Series

Description

Pure sine wave inverter with integrated high capacity and efficiency charger. Suitable for any type of off-grid system and for commercial, industrial, domestic and residential use.

New design more compact and lightweight. Easy to install anywhere.

Very high efficiency (>98%) with MPPT of wide range.

High quality components, industrial grade. Anodised aluminium casing.

Maintenance-free inverter. Easy to use and intuitive.

Universal. For all types of batteries, AGM, GEL, Lithium, etc.

Very low self-consumption.

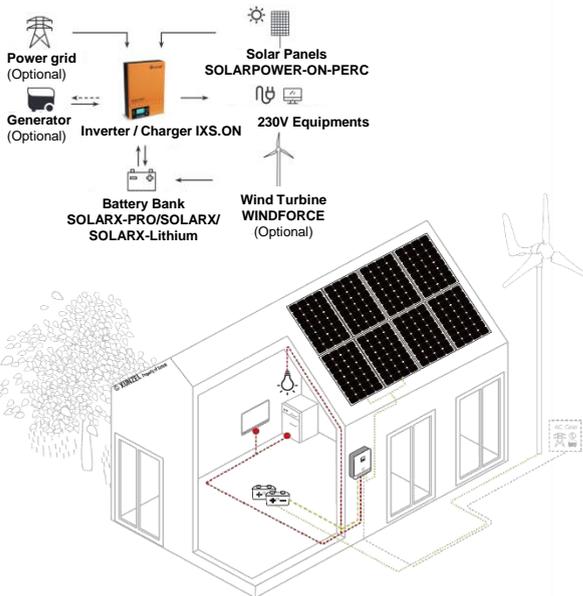
Quick and easy installation.

Compact and lightweight design, quick to install and space-saving.

Plug&Play. Maximum comfort for the user.

IXS-ON™ offers maximum energy efficiency with reliability and low cost.

With integrated protections: over-voltage, over-current, over-temperature, short-circuit, and battery under-voltage.



Applications

Residential / Particular
Commercial / Industrial

Recommended complements

- SOLARPOWER-ON-PERC, very high efficiency photovoltaic solar panels.
- SOLARX Series (SOLARX, SOLARX-PRO y SOLARX-Lithium, long life maintenance-free solar batteries.

Note: Specifications subject to change without notice.

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



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Technical specifications	IXS-ON-3000	IXS-ON-5000	IXS-ON-7200
Nominal Power	3000W/VA	5000W/VA	7200W/VA
AC Input			
Input voltage	230 Vac 50Hz	230 Vac 50 Hz	230 Vac 50Hz
AC Output			
	230Vac ± 5% Pure Sinewave (THD<3%)	230Vac ± 5% Pure Sinewave (THD<3%)	230Vac ± 5% Pure Sinewave (THD<3%)
Peak Power (<5s)	6000W/VA	10000W/VA	14400W/VA
Peak Efficiency	93%	93%	93%
Battery			
Nominal Voltage	24Vcc	48Vcc	48Vcc
Float Charge Voltage	27Vcc	54Vcc	54Vcc
Overload Protection	33Vcc	63Vcc	63Vcc
Charger (Solar and Grid)			
Maximum Photovoltaic Power Solar Charger (MPPT)	4000W	5000W	8000W
Operating range MPPT	120 ~ 450Vcc	120 ~ 450Vcc	90 ~ 450Vcc
Maximum open circuit voltaje	500Vcc	500Vcc	500Vcc
Maximum Solar charging current	80 Acc 1 x MPPT	80 Acc 1 x MPPT	80 Acc 2 x MPPT
Maximum AC charging current (Grid/Generator)	60 Acc	60 Acc	60 Acc
Maximum charging current	80 Acc	80 Acc	80 Acc
General Specifications			
Operating temperature range	-10°C ~ +50°C	-10°C ~ +50°C	-10°C ~ +50°C
Dimensions and Weight	400 x 300 x 155 mm 9 kg	400 x 300 x 155 mm 10 kg	554 x 435 x 150 mm 18.5 kg
Parallelisable	N.A.	N.A.	Yes (up to 6 units)

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