



xunzel™

PRODUCT
NOTE

MJC - XUNZEL

DC/AC inverter and
battery charger



INVERTER + CHARGER
MODIFIED WAVE XUNZEL
1200W/12V

12VDC TO 230VAC INVERTER AND
12VDC BATTERY CHARGER

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Product Overview

XUNZEL modified waveform inverter/charger, INCARI200, transforms 12V CC in 230V CA so you can use in little appliances, drills or other tools.

Furthermore, it allows to recharge and maintain batteries always full from mains thanks to 3 steps (rapid charge, absorption and maintenance) automatic charging system (for 12V batteries from 75Ah up to 300Ah).

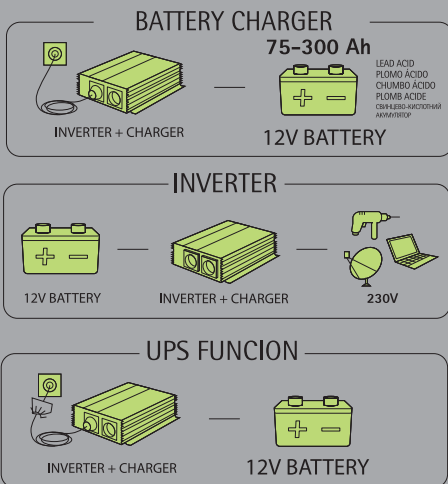
XUNZEL INCARI200 inverter/charger can be used as UPS (Uninterruptible Power Supply). If there is a blackout, inverter charges items from the battery instead of the mains. When power returns, automatically recharges from mains again.

Available Model

INCARI200 12VDC/2x230VCA 50Hz - 1200W

MJC - XUNZEL Features and Benefits

- **Output regulation**
- **Low voltage alarm** and shutdown to prevent over-discharge.
- **LED indicators integrated** for a safe operation.
- **Auto-switching** down against over-temperature.
- **Include** battery connection cable for an easy and safe installation.
- **Lightweight** with anodized aluminum casing.



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



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MJC - XUNZEL Specifications

Specifications	INCARI200
INVERTER	
Rated power – Peak Power	1200W - 2400W 12VDC
DC input	12VDC (10-15V)
Output	230VAC
Socket	2x 2P+TT
Efficiency	85-90 %
Low battery voltage alarm	10.5 V ± 0.5V DC
Low battery voltage shutdown	10 V ± 0.5V DC
Stand-by current	≤ 0.6 A
Thermal protection	65°C ± 5°C
Overload protection	Shutdown and alarm
Short-circuit protection	Yes
Battery connector	Crimped cables
Weight	3.9 Kg.
Dimensions (L x W x H)	36.5 x 24.2 x 7.6 cm
Starting technology	Soft-Start
Wave form	Modified wave
CHARGER	
UPS automatic function	
Charge power	10.000 mA
AC input	220 - 240VAC
DC Output	12VDC - 10A
Charge type (automatic)	3 steps
Bulk	Fast charge
Absorption	Charge up to 100%
Float	Indefinite maintenance
Battery range	75 to 300Ah/12V
Minimum start voltage	4.5 V



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