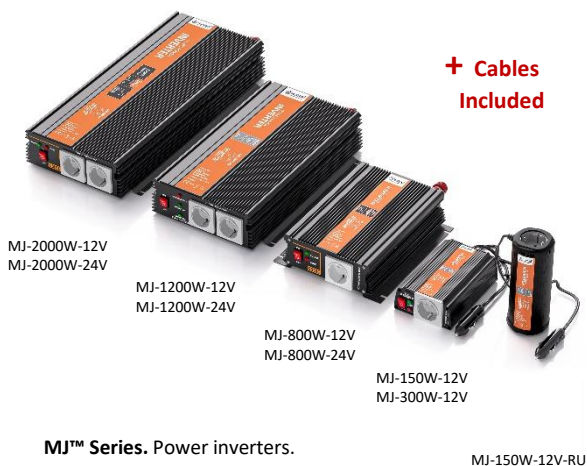


MJ/MJC™ Series - Inverters and Inverter/Chargers CC→CA



MJ/MJC™ Series _XUNZEL

Modified Sine Wave Inverters and Inverter/Chargers. Easy to use, they will give you reliable service to provide AC alternating current power from batteries.

Cables included.

Features

- 230VAC Modified Sine Wave Output, maximum power from your battery.
- Designed to power electrical equipment in a timely manner*.
- Convert DC power from your batteries to AC power with high efficiency.
- Get the most power out of your batteries. Designed for point-of-use power. High efficiency cooling design.
- Lightweight and robust. Anodised aluminium housing.
- Withstands starting peaks of twice the rated power.
- With LED indicators for easy reading of inverter status and programming.
- Low battery alarm and shutdown to protect the battery from excessive deep discharges. Prolongs the life of your batteries.
- Built-in automatic shutdown protections: over temperature, short circuit, overload and low/high battery conditions.
- Easy to use and with base for easy installation.
- Safe and reliable.
- Models with **USB 5V** output for powering and charging electronic devices.
- Isolation between DC input and AC output to ensure safety.
- **Robust DC input terminals** for direct, simple and safe connection to batteries.
- International plugs available on request.

IMPORTANT: If it is desired to power permanently and/or electronic equipment, motors or sensitive equipment, the use of XJ™ Series pure sine wave inverters is recommended.

Available models

- | | |
|-------------------------|---|
| • MJ-150W-12V-RU | 150W / 12VDC / 1x 230VAC 50Hz + USB 5VDC |
| • MJ-150W-12V | 150W / 12VDC / 1x 230VAC 50Hz + USB 5VDC |
| • MJ-300W-12V | 300W / 12VDC / 1x 230VAC 50Hz + USB 5VDC |
| • MJ-300W-24V | 300W / 24VDC / 1x 230VAC 50Hz + USB 5VDC |
| • MJ-500W-12V | 500W / 12VDC / 1x 230VAC 50Hz |
| • MJ-500W-24V | 500W / 24VDC / 1x 230VAC 50Hz |
| • MJ-800W-12V | 800W / 12VDC / 1x 230VAC 50Hz |
| • MJ-800W-24V | 800W / 24VDC / 1x 230VAC 50Hz |
| • MJ-1200W-12V | 1200W / 12VDC / 2x 230VAC 50Hz |
| • MJ-1200W-24V | 1200W / 24VDC / 2x 230VAC 50Hz |
| • MJ-2000W-12V | 2000W / 12VDC / 2x 230VAC 50Hz |
| • MJ-2000W-24V | 2000W / 24VDC / 2x 230VAC 50Hz |
| • MJC-600W-12V | 600W / 12VDC / 1x 230VAC 50Hz / Cargador 5A |
| • MJC-1200W-12V | 1200W / 12VDC / 2x 230VAC 50Hz / Cargador 10A |

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



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Features

- Audible alarm with warning/error codes to alert the user to check the inverter status.
- Automatic shutdown protects against overload, over temperature and low/high battery conditions.
- High overload capacity for products that require more power to start up.

Sockets with safety shutter protection. Offers increased protection against contact and protects against dust and dirt. Available SCHUKO® sockets, international and special.

Automatic Ventilation.
Higher efficiency.

Cables included.
High security and resistance battery connection terminals. More safety.



LED indicators.
Easy to use and program.

Modified sine wave.

Protective earth

Anodised aluminium body with stainless steel screws. Installation is robust, safe, quick and easy.

CE UK CA

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XU-92230121MA

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



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Technical Specifications

MODEL	MJ-150W-12V-RU MJ-150W-12V	MJ-300W-12V MJ-300W-24V	MJ-500W-12V MJ-500W-24V	MJ-800W-12V MJ-800W-24V	MJ-1200W-12V MJ-1200W-24V	MJ-2000W-12V MJ-2000W-24V	MJC-600W-12V	MJC-1200W-12V
XUNZEL Code / P N	INLI150RU INLI150U	INLI300U INLI300U24	INLI500 INLI500U24	INLI800 INLI800U24	INLI1200 INLI1200U24	INLI2000 INLI2000U24	INCAR600	INCAR1200
INVERTER								
AC Output Power Nominal / Peak	150/300W	300/600W	500/1000W	800/1600W	1200/2400W	2000/4000W	600/1200W	1200/2400W
Maximum Time ON	80min (100W) 40min (150W)	2hr (100W) 40min (300W)	4hr (100W) 35min (500W)	6hr (100W) 20min (800W)	6hr (100W) 10min (1200W)	7hr (100W) 5min (2000W)	4hr (100W) 30min (600W)	6hr (100W) 10min (1200W)
AC Output Voltage / Frequency	230V _{AC} / 50Hz							
AC Output Wave	Onda senoidal modificada							
Cables Included	SI							
Efficiency	pico 90%							
Nominal Input Voltage DC	12.00V _{DC} 12.00V _{DC}	12.00V _{DC} (model 12V) 24.00V _{DC} (model 24V)					12.00V _{DC}	
Battery Charger	N.A.						5A	10A
DC Input Operating Range	10.00 – 15.00 V _{DC} 10.00 – 15.00 V _{DC}	10.00 – 15.00 V _{DC} (model 12V) 20.00 – 30.00 V _{DC} (model 24V)					10.00 – 15.00 V _{DC}	
Low Voltage Alarm/Off	10.50 /10.00 V _{DC} 10.50/10.00 V _{DC}	10.50 /10.00 V _{DC} (model 12V) 21.00/20.00 V _{DC} (model 24V)					10.50 –10.00 V _{DC}	
AC Output Port	1x EU schuko plug				2x EU schuko plug		1x EU schuko plug	2x EU schuko plug
USB 5V output port	1	1	N.A					
Minimum Battery Capacity	> 30Ah-12V > 30Ah-12V	> 48Ah-12V > 30Ah-24V	> 120Ah-12V > 78Ah-24V	> 120Ah-12V > 78Ah-24V	> 240Ah-12V > 120Ah-24V	> 480Ah-12V > 240Ah-24V	> 120Ah-12V	> 240Ah-12V
Status information	LED indicators							
SAFETY AND ENVIRONMENT								
Conformity	CE UKCA RoHs3 and REACH Compliant WEEE Compliant EMC, LVD							
Operating Temperature	0°C -> +40°C (+32°F -> +104°F)							
Storage Temperature	-20°C -> +60°C (-4°F -> +140°F)							
Relative Humidity	5-90%							
Altitude Performance	<3000m							
WEIGHT AND DIMENSIONS								
Weight	0.55kg	0.75kg	1.40kg	2.30kg	2.30kg	5.20kg	2.30kg	3.90kg
Dimensions	150x108x51mm	150x108x51mm	155x164x62mm	260x162x62mm	260x198x70mm	320x198x70mm	255x212x67mm	365x242x76mm
Inverter Housing Material	High Strength Anodised Aluminium							



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Models

MJ-150W-12V-RU
P/N: INLI150RU



MJ-150W-12V
P/N: INLI150U



MJ-300W-12V
P/N: INLI300U

MJ-300W-24V
P/N: INLI300U24



MJ-500W-12V
P/N: INLI500

MJ-300W-24V
P/N: INLI50024



MJ-800W-12V
P/N: INLI800

MJ-800W-24V
P/N: INLI80024



MJ-1200W-12V
P/N: INLI1200

MJ-1200W-24V
P/N: INLI120024



MJ-2000W-12V
P/N: INLI2000

MJ-2000W-24V
P/N: INLI200024



MJC-600W-12V-5A
P/N: INCAR600



MJC-1200W-12V-10A
P/N: INCAR1200



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