

XJC™ Series - Advanced Pure Sinewave Inverter/Charger Combi



XJC-1000W-40A-12V
XJC-2000W-55A-12V

Inverter with **Battery Charger** and **Transfer-Switch**.
Integrated mains priority circuit with voltage synchronization



Digital display and USB 2.1A output



Detachable Display (cable included)



Heavy duty DC terminal. More Safety

XJC™ Series – XUNZEL

State of the art, easy to use design, these combi inverters with charger will offer you reliable service for providing AC power and 5V USB power from battery. True sine wave output. Ideal for operating motor loads, fine electronics and reduce stress on surge protections circuitry, meaning potentially longer equipment life.

Product features

- Pure sine wave (**True Sine Wave**) AC output, with very low Total Harmonic Distortion (THD). Ensure the correct functioning of sensitive devices.
- Converts battery power to AC power anywhere with high efficiency.
- With **Battery Charger** and **Automatic Transfer Switch** integrated
- Very low self-consumption. **Power Save Mode**. Get the maximum energy of your batteries. Designed for “always-on”. High efficiency cooling design.
- **Silent Operation**. Lightweight and robust. Anodized Aluminium case.
- High surge capacity (2 x constant).
- With digital display and/or LED monitoring for easy and quick status reading and programming.
- Low battery alarm and shutdown protection to prevent the battery from too deep discharges. Extend the life of your batteries.
- Automatic shutdown protections integrated: overtemperature, short-circuit, overload and low/high battery conditions.
- Easy to install and use. Mounting brackets for permanent installation.
- Safe and reliable.
- **USB 5V-2100mA** “always-ON” output to feed and charge electronic devices.
- Isolation between DC input and AC output for safety.
- **Heavy duty DC input terminals** for direct, simple and secure battery connection.
- Preferred choice for powering off-grid, off-shore, onboard and back-up electronics, sensitive loads and demanding motor loads, including digital clocks, dimmers, variable speed motors, battery chargers, and telecom/audio/visual equipment.
- International output sockets available (available per country) on demand.
- **E-mark** approved
- **Full range of optional accessories available:**
 - Battery Cable Connection Kits and In-Line Fuse & Holder
 - Remote Control ON/OFF with 6-meter cable (code: **RCXJ**)
 - Automatic-Start-XJ (code: **ASXJ**)
 - Smart-Start™-XJ: 3-positions ON/OFF/Remote (code: **SM2XJ**)
 - XJC-OnBoard™ Systems (code: **XJC-OnBoard**)

Available Models

- **XJC-1000W-40A-12V**
Inverter: 1000W / 12VDC / 1x 230VAC 50Hz + 1x Hardwire + 1x USB 5VDC 2.1A
Battery Charger: 40A / 12VDC / Programmable
with **Transfer-Switch** integrated
- **XJC-2000W-55A-12V**
Inverter: 2000W / 12VDC / 1x 230VAC 50Hz + 1x Hardwire + 1x USB 5VDC 2.1A
Battery Charger: 55A / 12VDC / Programmable
with **Transfer-Switch** integrated

© Copyright 2022 XUNZEL™ reserves the right to make changes and improvements without prior notice. Specifications are subject to change without further notification

XU-92220226-MA

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



XJC™ Series - Advanced Pure Sinewave Inverter/Charger Combi

Technical Specifications

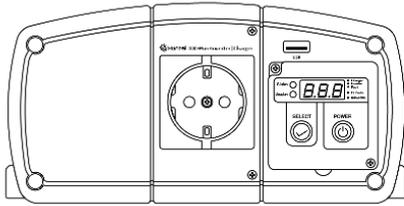
MODEL	XJC-1000W-40A-12V	XJC-2000W-55A-12V
Code Part Number	XJC10001240U	XJC20001255U
INVERTER		
AC Output Power Nominal / Peak	1000/2000W	2000/4000W
AC Output Current	4.35A _{AC}	8.70A _{AC}
AC Output Voltage / Frequency	230V _{AC} / 50Hz	
AC Output Waveform	Pure Sinewave (THD<3%)	
Peak Efficiency	>92%	
Nominal DC Input Voltage	12.50V _{DC}	
DC Input Operation Range	10.5 - 15.5V _{DC}	
Power Saving Mode	Yes	
No Load Current with Power Save Mode OFF/ON	<1.50/0.17A _{DC}	
Under Voltage Shutdown	10.50V _{DC} (Programable to 11.80V _{DC} for Start Battery Car)	
Under Voltage Recovery	12.00V _{DC} (Programable to 12.60V _{DC} for Start Battery Car)	
Over Voltage Shutdown	15.50V _{DC}	
AC Output Ports	1x EU schuko socket + 1x Hardwire	
Power Save Mode OFF/ON Load Sense Threshold	≤3W / ≥10W	
USB port	5V _{DC} - 2100mA _{DC}	
AC Transfer Switch	Transfer Time < 30ms Transfer Relay Rating 16A	
AC Input Sourcing Setting	8, 10, 16A	
Charger Current (max)	40A _{DC}	55A _{DC}
Battery Type	AGM, GEL, Flooded and Fixed	
Battery Minimum Capacity	> 240Ah - 12V	> 480Ah - 12V
Display	LCD display + LED indicators	
SAFETY AND ENVIRONMENTAL		
Standards	CE UKCA RoHS3 and REACH Compliant WEEE Compliant EMC, LVD E-Mark	
Operating Temperature	0°C -> +40°C (+32°F -> +104°F)	
Storage Temperature	-20°C -> +60°C (-4°F -> +140°F)	
Relative Humidity	5-90%	
Operating Altitude	<3000m	
WEIGHT AND DIMENSIONS		
Weight	5.70kg	6.60kg
Dimensions	478x230x114mm	
Case Material	Anodized Aluminium	

The design and all photos and drawings of these sheets are protected by law and may not be distributed, reproduced, in whole or in part, published or used for any purpose without the express written consent of XUNZEL. © XUNZEL - Xunzel is not responsible for possible typographical errors.

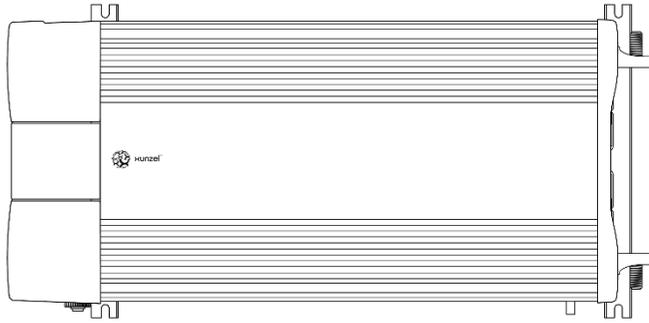
XJC™ Series - Advanced Pure Sinewave Inverter/Charger Combi

Technical Drawings

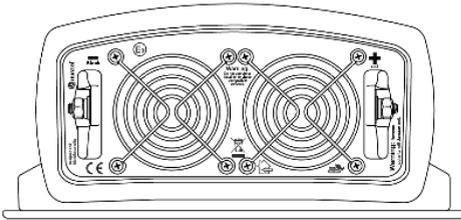
XJC-1000W-40A-12V and XJC-2000W-55A-12V



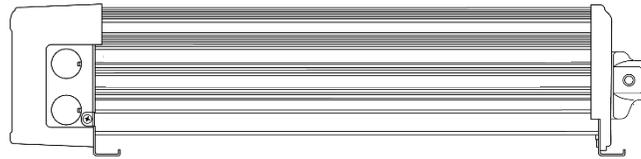
Front View



Top View



Back View



Side View

Model	XJC-1000W-40A-12V	XJC-2000W-55A-12V
Code Part Number	XJC10001240U	XJC20001255U



The design and all photos and drawings of these sheets are protected by law and may not be distributed, reproduced, in whole or in part, published or used for any purpose without the express written consent of XUNZEL. © XUNZEL - Xunzel is not responsible for possible typographical errors.

© Copyright 2022 XUNZEL™ reserves the right to make changes and improvements without prior notice. Specifications are subject to change without further notification. NOT IN SCALE

XU-92220226-MA

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



info@xunzel.com
www.xunzel.com

© Copyright Xunzel. Information contained in this document is subject to change without notice.