

NEXUS NODE BUNDLE

Node12 – Digital Switching Unit

Advanced Switching & Load Control For Larger Systems



- 12 digital load outputs (3 x 30A, 3 x 20A, 6 x 10A)
- 120A Total Output Current
- Bluetooth & mobile app for real-time control
- Battery protection (over-discharge, over-voltage) and load overcurrent protection
- Customizable via IQ4 or IQ7 screens
- RS485/CAN communication support
- Dimensions: W 386 x H175 x D50 mm
- Weight: 0.8 kg
- With high-temperature protection function.
- Designed and tested to comply with AS/NZS electrical and safety standards.

IQ7 – 7" LCD Touch Screen

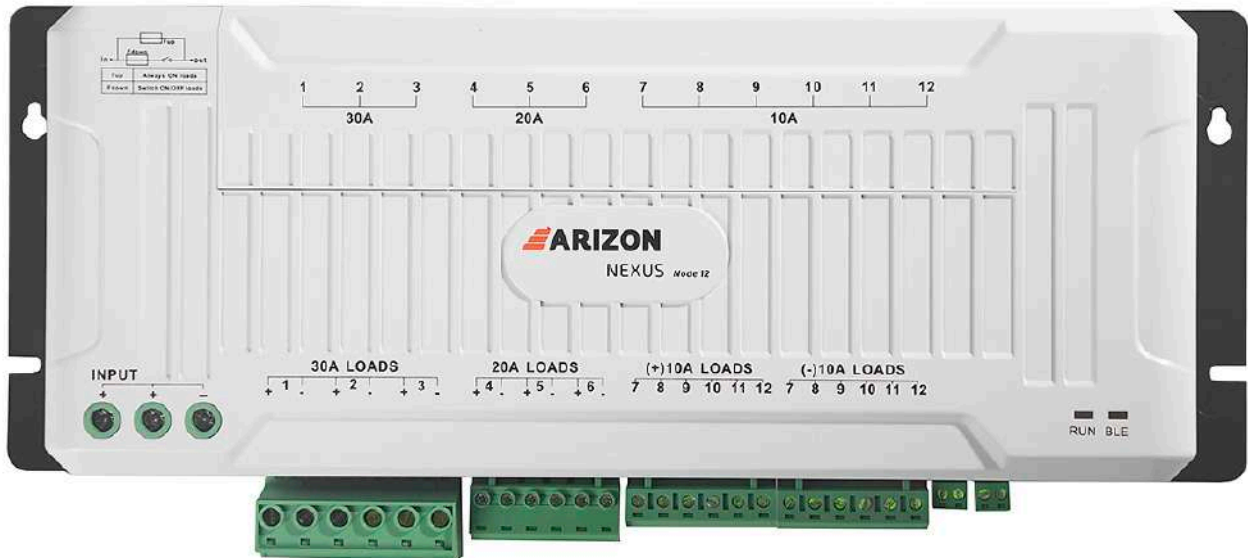


- 1024 x 600 resolution
- Light/dark modes, sleep function
- Customizable quick keys
- Supports cascading with multiple IQ4/IQ7 screens
- Panel/wall mount options

IQ4 – 4.3" LCD Touch Screen

- 800 x 480 resolution
- Light/dark modes, sleep function
- Customizable quick keys
- Supports cascading with multiple IQ4/IQ7 screens
- Panel/wall mount option





Product Overview

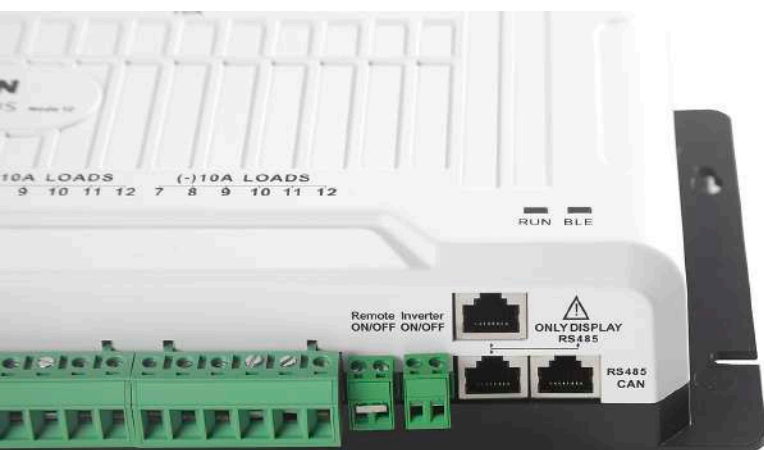
Arizon's NX-Node12 is a DC digital switching control box for Caravan & RV electrical installations. Designed to work with a touch screen display for quick and easy setup, monitoring and switching of multiple DC loads, including an Inverter. The Arizon NX-Node12 has 3 x 30A, 3 x 20A and 6 x 10A load outputs, which can be used to control all of the DC loads in the installation, such as fridge, water pump, TV, lights, etc.

Product features

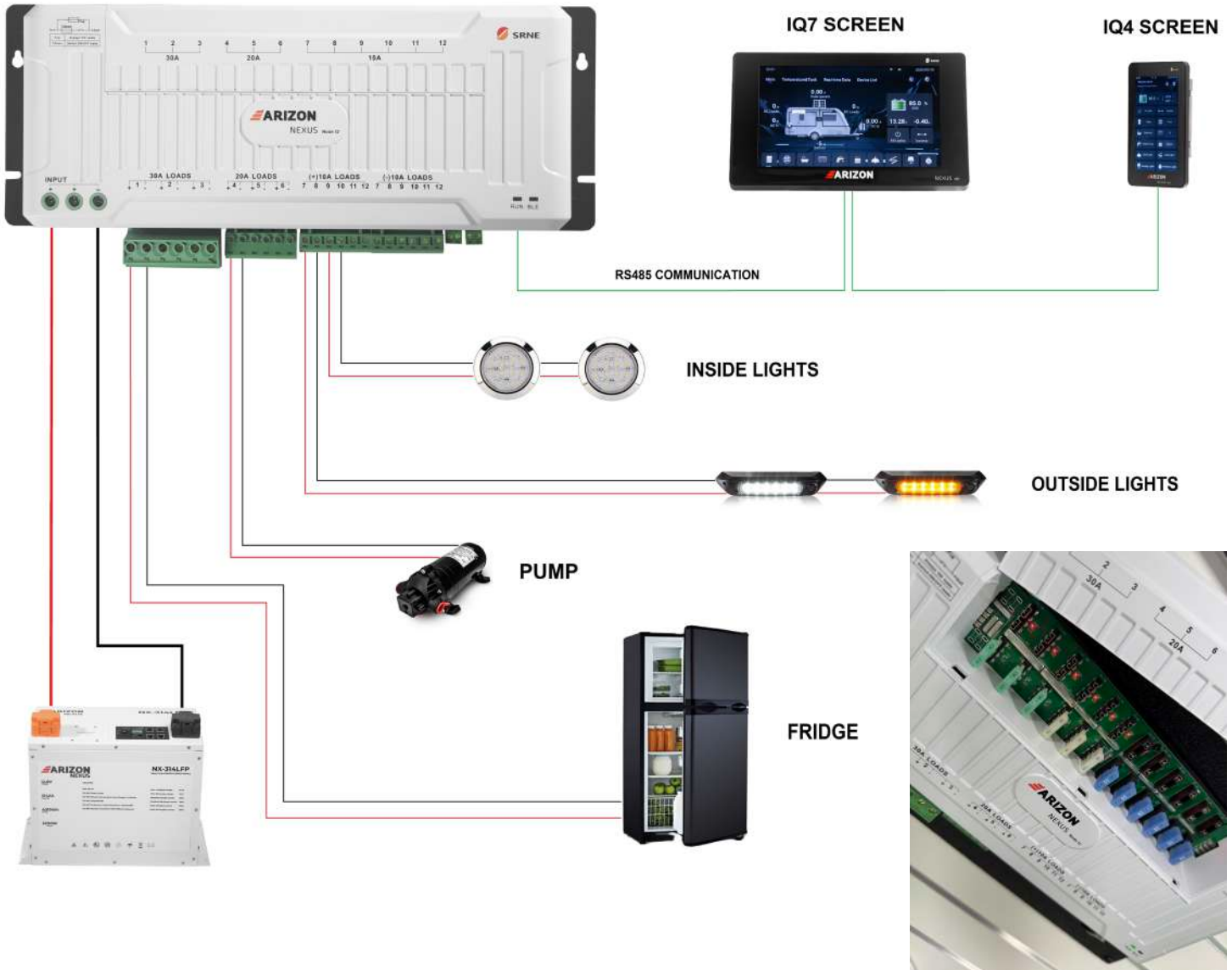
- Supports 12V battery systems.
- With over-voltage, over-discharge, over-current and high temperature protection.
- When used with IQ Touch Screen display provides viewing, setup faster switching of loads, viewing and setting of parameters
- Built-in Bluetooth communication for real-time monitoring, configuration and switching of loads via the mobile APP.
- With high-temperature protection function.
- Supports RS485 and CAN (RV-C protocol) communication.
- Blown fuse indication with manual bypass function.



NX-Node 12	Specification
System voltage	12V
Input voltage range	9-18V
Maximum total output current	120A
Output Channels	6 x 10A, 3 x 20A, 3 x 30A
Inverter ON/OFF	≤1A
Protection function	Over-voltage, over-discharge, over-current, high temperature
Communication function	Bluetooth, RS485, CAN(RV-C)
Communication interface	Touch Screen Display
Static power consumption	≤60mA
Protection level	IP21
Remote switch function	✓
Environmental temperature	-35°C ~ 65°C
Cooling method	Natural cooling
Size W x H x D	386mm x 175mm x 50mm
Weight	800g



NX-NODE12



Legal Disclaimer

IMPORTANT NOTICE:

This product must be installed in accordance with the above specifications and safety instructions.

Arizon Off Grid Pty Ltd assumes no responsibility for damage, injury, or loss arising from incorrect mounting, poor ventilation, or non-compliance with installation requirements.

By installing or using this unit, the installer and/or end-user acknowledges understanding and acceptance of these terms.