

# **NSC-2430(A)**

## **DC-DC Converter**

### **User Manual**

#### Specifications and Features:

- 30 Amps Continuous at 13.8 VDC.
- Light weight , only 5.0 lbs/2.3kg
- Compact, only 147mm x 93mm x 40mm (WxHxD)
- Over current protection
- LED lights for Power-On and protection
- Input Voltage: wide range 22-32VDC (24VDC nominal)
- Optional lighter
- +/-1% load regulation
- Over voltage protection set at 16.5VDC
- Short circuit auto recovery
- Convenient front panel Power-On switch
- Optional front panel terminal block

#### Instructions for use:

Thank you for purchasing the NISSEI brand DC-DC converter. The NSC-2430(A) is designed to supply up to 30 amps continuous current at 13.8 Vdc. Maximum output power is rated at 414 watts.

### INSTALLATION:

The NSC-2430(A) DC-DC converter is designed to be used with a wide range DC input of 22-32VDC (24VDC nominal).

### OPERATION:

The NSC-2430(A) has a fixed output at 13.8 VDC. Simply connect the output and turn the power switch to the 'ON' Position.

### FAN:

The cooling fan on the NSC-2430(A) will operate when the unit is turned ON. The speed of the fan varies depending on the temperature control circuit.

### PROTECTION:

The NSC-2430(A) will automatically shut off if over 32 amps of current is drawn from its outputs. Remove the load and re-connect the load, then the unit auto recovered.

Note:

1. WARRANTY IS VOID IF CONVERTER IS OPENED.
2. POTENTIALLY DANGEROUS VOLTAGES INSIDE.  
DO NOT OPEN.