

Standard Features

- Overvoltage Protection
- Overcurrent Protection
- Short Circuit Protection
- Terminal Block Connectors
- **Extra Terminal** provided to allow converters to be Turned **ON** and **OFF** with the ignition switch.



Model	N2412-12	N2412-24
Input Voltage	22-32 VDC	22-32 VDC
Output Voltage	13.8 VDC	13.8 VDC
Line/Load Regulation	.03 VDC	.04 VDC
Ripple	20mVrms	20mVrms
Continuous Current	10 Amps	20 Amps
Peak Current	12 Amps	24 Amps
Overvoltage Protection	16 VDC	16 VDC
Efficiency	88%	88%
Dimensions	2" x 6.2" x 6"	2" x 6.2" x 7"
Weight	1.5 Lbs	2 Lbs

MODEL 1212 & 1212-18 Switching Regulated Converter

Designed for FM transceivers and other applications requiring 12-volt power source converted from 12-volt positive ground battery. Regulated with pulse with modulation at 20 KHz.

Input - 12 V DC (Positive ground only). Functional from - 11 V DC - 16 V DC.

Output + 13.8 V DC (Negative ground only).



	1212	1212-18
Output Voltage	13.8 V DC (± 0.2 V DC)	13.8 V DC (± 0.2 V DC)
Line/Load Regulation	200mV	200mV
Ripple Noise	50mV RMS	50mV RMS
Current Continuous	6 Amp	14 Amp
Current (ICS)	7 Amp	18 Amp
Current Limit	8 Amp	19 Amp
Case	2 3/4(H) x 6(W) x 6(D)	2 3/4(H) x 6(W) x 12(D)
Shipping Weight	2 lbs.	4 lbs.

MODEL 2412 & 2412-20, 4812 & 4812-20 Switching Regulated Converter

Designed for FM transceivers and other applications requiring 12-volt power source converted from 24-volt positive ground battery. Regulated with pulse with modulation at 20 KHz.



	2412	2412-20	4812	4812-20
Input (Negative ground only)	22-32V DC	22-32V DC	30-56V DC	30-56V DC
Output Voltage (± 0.2 V DC)	13.8V DC	13.8V DC	13.8V DC	13.8V DC
Line/Load Regulation	200mV	200mV	200mV	200mV
Ripple Noise	50mV RMS	50mV RMS	50mV RMS	50mV RMS
Current Continuous	9 Amp	16 Amp	9 Amp	16 Amp
Current Limit	12 Amp	20 Amp	12 Amp	20 Amp
2412/4812 Case Size	2 3/4(H) x 6(W) x 6(D)			
2412-20/4812-20 Case Size	2 3/4(H) x 6(W) x 12(D)			
Shipping Weight	2 lbs.	3 lbs.	2 lbs.	3 lbs.