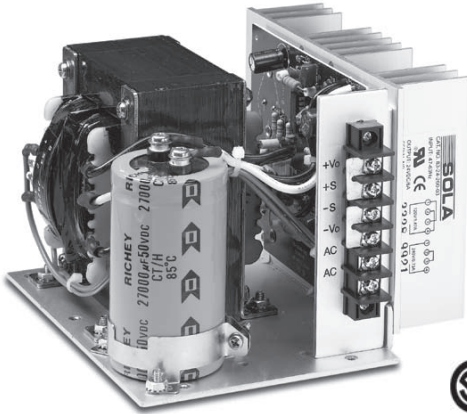


## Linear OEM – Single Output



### Features

- Low noise output
- 115/230 VAC input
- Remote sensing
- Designed for both bench and rack use
- Completely protected short circuit proof; automatic foldback.
- Current limiting – automatic reset
- Isolated floating output
- UL Recognized, CSA Certified
- Built-in OVP on 5 Volt models
- Terminal block on Case D models (24 V/6 A)
- One year warranty

### Selection Table

Catalog Number	Output 1	Case
83-05-230-3	5 V @ 3.0 A	B
83-12-218-3	12 V @ 1.8 A	B
83-24-212-3	24 V @ 1.2 A	B
83-05-260-3	5 V @ 6 A	C
83-12-250-3	12 V @ 5 A	C
83-24-225-3	24 V @ 2.5 A	C
83-05-312-3	5 V @ 12 A	D
83-12-310-3	12 V @ 10 A	D
83-24-260-3	24 V @ 6 A	D

### Applications

- Microprocessor circuits
- Process controls
- Control circuits
- Noise sensitive circuits
- Instrumentation
- CNC machinery
- Analog circuits

### Specifications

Parameter	Condition	Limit
<b>Input</b>		
Input Voltage		104-127 VAC 208-254 VAC
Input Frequency		50-60 Hz
<b>Output</b>		
Regulation Line & Load		±0.1%
Pard (Ripple and Noise)		0.1% pk/pk
Periodic Deviations (Ripple)		10mv rms
Output Voltage Adjustment		±5% Minimum
Transient Recovery Time	50%-100% Load	Less than 50 msec
<b>General</b>		
Storage Ambient Temp.		-40°C to +85°C
Operating Ambient Temp.		0°C to +50°C
Temp. Effect Coefficient		0.03% °C
Polarity		May be used positive or negative
Short Circuit Protection		Protected with Automatic Recovery
Maximum Allowable Lead Drop for Remote Sensing		5%
Maximum Output Current		120% Rated Current
Maximum Short Circuit Current		30% Rated Current
Input/Output Isolation		1000 Megohms D.C., 2500 VAC
Cooling	Forced air. 20 CFM required for full rating Derate 30% without cooling	

