

LIN SERIES

HIGH POWER LINEAR SINGLE AND TRIPLE
OUTPUT POWER SUPPLIES



PRODUCT FEATURES

LIN Series

- Standard 19 Inch Rack Mounting
- Single and Triple Output Models
- High Reliability > 13,000 hrs. MTBF @ 50°C GF
- Modular Design
- EMI Filter Qualified to MIL-STD-461 CE01 & CE02
- Designed for COTS & Military Applications
- Voltage and Current Front Panel Controls
- Thermal Shutdown Protection
- Front Panel Voltage & Amp LED Meters
- Shock & Vibration to MIL-STD-810
- Current Sharing Linear Control
- Fungus Inert per MIL-HNDBK-454
- Component Derating per NAVSO P-3641A
- Semiconductor Tj Max - 110° C

Our custom designs can be modified to meet exact customer specifications.

CENTURY  **ELECTRONICS**
A Division of Perillo Industries, Inc.

AC/DC POWER SUPPLIES | DC/DC CONVERTERS

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PRODUCT SPECIFICATIONS

All specifications subject to change

AC Input:

- 108-132VAC, 1 ϕ 47 to 63Hz
- Front Panel Circuit Breaker
- EMI Input Filter MIL-STD-461 CE01 & CE03

Operating Conditions:

- Ambient Operating Temperature Range: 0 to 50°C
- Humidity: 95% Non-Condensing
- Altitude: Up to 40,000 Feet

DC Output:

- See Table for Voltages and Currents
- Output Voltage Adjust +/- 6%
- Line & Load Regulation 7.4mV
- Ripple & Noise 1mV rms, 5mV pp @ 100MHz BW
- Temperature Coefficient +/- 0.015% / Degree C
- Overcurrent and Short Circuit Protection
- Overvoltage Protection
- Efficiency: 40% Minimum

Voltages and Currents:

MODEL	V1	V2	V3
LIN 500S	24VDC @ 22.1A		
LIN 200T1	5.5VDC @ 19A	-5VDC @ 2A	15VDC @ 6.5A
LIN 200T2	5.5VDC @ 11.5A	20VDC @ 2.1A	-15VDC @ 7.1A

Mechanical:

- All Dimensions in Inches [mm]
- Weight in Pounds [Kg]

Single Output Model: Size 19 [483] Wide x 19 [483] Long x 5.25 [133] (3U) High
Weight: 60 [27.21]

Triple Output Models: Size 19 [483] Wide x 15 [381] Long x 5.25 [133] (3U) High
Weight: 55 [24.94]