

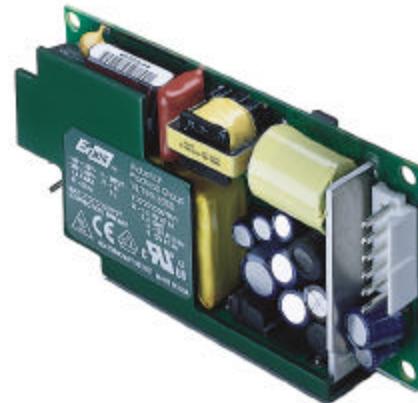
Single and multiple output 60W open-frame AC-DC power supplies

Big power, miniature size.

That is what you get with the EOS VLT60 Series of open-frame power supplies. Packing power densities exceeding 7 watts per cubic inch into a 2" x 4" x 1" space, it is the smallest and most efficient 60-watt power supply in the world.

The EOS VLT60 Series of open-frame switchers is available in single or multiple output and in various voltages. And every option has efficiencies exceeding 85 percent, setting a new industry standard. That makes the VLT60 Series the optimal solution for all your power supply needs. Used by OEMs for point-of-sale, data networking, computer peripherals, touch screen displays, telecommunications, medical equipment, and industrial products, the VLT60 Series is ideal for any application.

With high density and popular features such as convection cooling and a high MTBF, it is no wonder the EOS VLT60 Series is the open-frame switcher of choice by demanding OEMs worldwide. Measuring slightly larger than a handheld pager, the VLT60 Series is the most densely packaged power supply available in the world today.



FEATURES:

- Very High Efficiency: above 85%
- High Power Density: over 7 watts/inch³
- Ultra Miniature Size: 2" x 4" x 1"
- Lightweight: only 6 ounces
- Input Voltage: 90 - 132 / 180 - 264 VAC
- FCC & CISPR Class B EMI filter
- Operating Temperature: 0 to 50°C
- Convection Cooled
- Reliability: MTBFs above 100,000 hours
- Meets Worldwide Safety Standards
- CE Marked

APPLICATIONS:

- Point-of-Sale Equipment
- Computer Peripherals
- Touch Screen Displays
- Data Networking Equipment
- Telecommunications
- Industrial Control
- Other Electronic OEMs



*Highest Density
Smallest Size
Most Efficient*

INPUT

AC Input	90 - 132 and 180 to 264 VAC, single phase, auto select
Efficiency	Greater than 85%
Input Frequency	47-63 Hz

OUTPUT

Output Power	60W continuous
DC Output Voltage/Current	Refer to voltage/current charts
Hold-Up Time	6 milliseconds at full load, 115VAC
Line Regulation	0.3%, over entire operating range
Load Regulation	+/-0.5% (V1)
Output Protection	Overvoltage, over current, and short circuit protection
Ripple and Noise	50mV or 1% of Vnominal, whichever is greater
Turn-on Delay	4 seconds max at 115VAC

ENVIRONMENTAL

Operating Temperature	0 to 50°C at full rated output power
Storage Temperature	-40°C to +70°C
Humidity	5 to 95%, non-condensing
Cooling	Convection

EMI AND SAFETY

EMI/RFI	Conducted: CISPR 22 & CISPR 14 Class B, FCC 47 CFR Part 15, Class B
Leakage Current	1000uA, maximum
CE Mark	Full compliance with LVD and EMC directives
Safety Standards	Meets worldwide safety standards: IEC950, EN60950, UL1950 Class 1, SELV
Agency Approvals	UL, c-UL, VDE
MTBF	100,000 hours at 25°C minimum

MECHANICAL

Dimensions	2.00" x 4.00" x 1.07"
Weight	6 ounces maximum
AC Input Connector	Molex 3 position, 0.156 ctr header
DC Output Connector	Molex 6 position, 0.156 center header

OUTPUT VOLTAGE/CURRENT RATING CHART

Model Number	Number of Outputs	Output Number	Output Voltage	Maximum Current
VLT60-1000	1	V1	5V	10.0A
VLT60-1001	1	V1	12V	5.0A
VLT60-1002	1	V1	15V	4.0A
VLT60-1003	1	V1	24V	2.5A
VLT60-1004	1	V1	48V	1.25A
VLT60-3000	3	V1 V2 V3	5V 12V -12V	8.0A 3.0A 0.5A
VLT60-3001	3	V1 V2 V3	5V 24V -12V	8.0A 1.5A 0.5A
VLT60-3002	3	V1 V2 V3	5V 15V -15V	8.0A 2.5A 0.5A



*Highest Density
Smallest Size
Most Efficient*

Consult your local representative or the factory for custom requirements or modifications to standard products. Specifications are subject to change without notice.

