

ABOUT US

POWER SUPPLIES

BATTERY DOC

PRESS RELEASES

SALES

# OPEN FRAME Single Output 84 Watt

- A family of single output, 84 Watt, universal input switching power supplies
- Meets international and domestic commercial safety standards
- Meets international EMI requirements



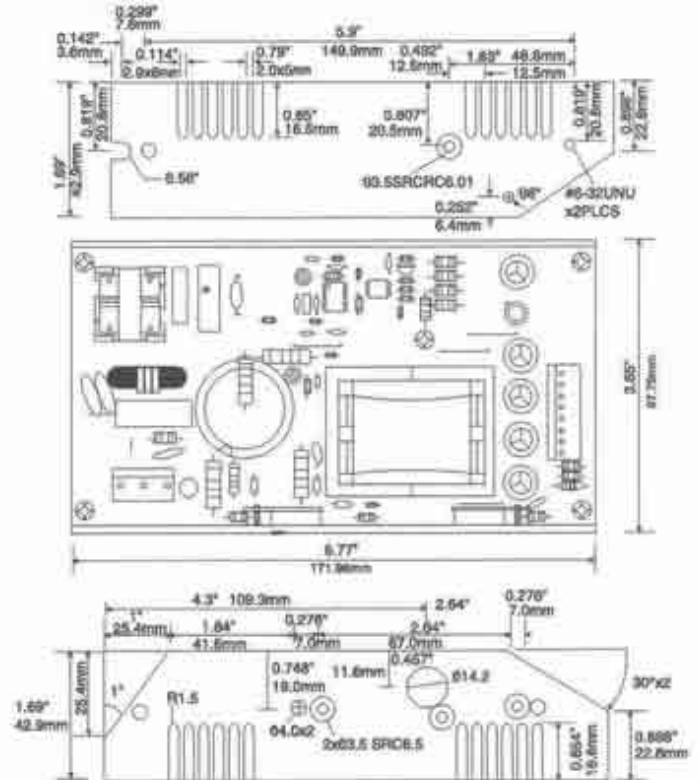
## Ordering Information

Model Number	Nominal Power	Maximal Power 1)	Output, DC 2)		
	W	W	Volts	Nominal current Amps	Max Amps 1)
OTE-10812	84	108	12	7	9
OTE-10812-1010	84	108	15	5.6	7.2
OTE-10812-1020	84	108	18	4.6	6
OTE-10812-1030	84	108	24	3.5	4.5

1) Output power 108 W (9A) with 30 CFM forced airflow.  
 2) Peak Load: 220 % of max current within 5 ms at Output Voltage 9 V min

Full Load 9 A max with 30 CFM forced airflow condition  
 All units can be customized to meet specific needs

[Download Open Frame Single Output 84 Watt Brochure](#)



## SPECIFICATIONS

### ELECTRICAL

#### INPUT

- Universal, 90 - 264Vac, 47-63 Hz, single phase.
- Inrush current:
  - 30A Max @ 115Vac & cold start
  - 60A Max @ 230Vac & cold start

#### OUTPUT

- Ripple \*: 1 % p-p of output voltage measured differentially
- Max total regulation \*\*: 3%
- Max Startup time: 5 s
- Holdover: 16 ms minimum

*\*Ripple voltage measurement is done with an oscilloscope set at 20 MHz bandwidth and output terminated with 0.1 uF ceramic capacitor and 47 uF aluminum capacitor at full load and nominal line*

*\*\* includes line, load, temperature and set point*

#### EFFICIENCY

- 75 % minimum

#### PROTECTION

- Output short circuit protected

#### LEAKAGE CURRENT

- Less than 750uA

### MECHANICAL

- AC input (CN1): Molex 5273, 5P3 or equivalent
- DC Output (CN2): Molex 5273,8P or equivalent
- Output Pin Assignment: +12V Output: Pin 1, 2, 7, 8 GND Output: Pin 3, 4, 5, 6
- Dimensions (L x W x H), mm: 172 x 98x 43
- Weight typical, g: 540

### ENVIRONMENTAL

- Operating temperature: 0 to + 50 °C  
*(at full rated output power with natural convection cooling and in non-restricted environment)*
- Storage temperature: -20 to + 85 °C
- Operating Humidity: 10 to 90 %
- Storage Humidity: 5 to 95 %

### HI-POT TEST

- Primary to FG 1500Vac / 1 minute @ 10mA max

### EMI COMPLIANCE

- FCC part 15J Class B
- CISPR 22 (EN 55022) Class B

### SAFETY APPROVALS

- UL 1950 3rd Edition
- cUL
- TUV EN 60950

**Contact Us** 850 Greenview Drive, Grand Prairie, Texas 75050 Phone: 972.988.6828 Fax: 972.641.7089