

ABOUT US

POWER SUPPLIES

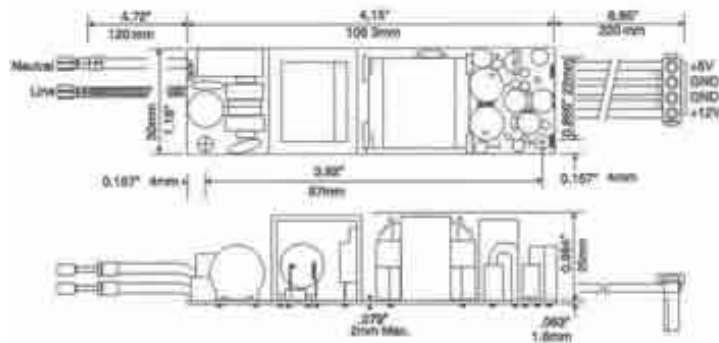
BATTERY DOC

PRESS RELEASES

SALES

# OPEN FRAME Dual Output 17 Watt

- A family of dual output, 17 Watt, universal input switching power supplies
- Meets international and domestic commercial safety standards
- Meets international EMI requirements



## Ordering Information

Model Number	Nominal power	Output # 1 DC 1)		Output # 2 DC 2)	
		W	V, +/- 5%	Max Amps	V, +/- 5%
OTE-1705/12-O	17	5	1	12	1
OTE-1705/12-O-1010	17	+12	1	-12	0.41
OTE-1705/12-O-1020	17	+15	0.8	-15	0.33
OTE-1705/12-O-1030	17	+24	0.5	-24	0.2
OTE-1705/12-O-1040	17	+24	0.2	+12	1

1) Min Load: 20 % of max current  
 2) Min Load: 10 % of max current  
 Total Peak Power: 25 W within 1 sec  
 All units can be customized to meet specific needs

[Download Open Frame Dual Output 17 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: 10 ms minimum
- Load regulation measurement is done by changing the measured output load +/- 40 % from 60 % rated load, and keep others output load at 60 % rated load

*\*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

- Short circuit protected Over temperature protection

#### LEAKAGE CURRENT

- Less than 750uA

### MECHANICAL

- Mounting hole: 97 x 22 mm with .35 hole places
- AC Input: 120 mm wire with terminal, J 1741BS-2
- DC Output: 220 mm wire with Molex 3069, 4P female connector Pin 1 (Yellow): Output 2 Pin 2 (Black): GND Pin 3 (Black): GN Pin 4 (Red): Output 1
- Dimensions (L x W x H), mm: 105.3 x 30 x 26
- Weight typical, g: 95

### ENVIRONMENTAL

- Operating temperature: 0 to + 40 °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 C22.2 No 234
- TUV EN 60950

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