

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**



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

Ordering Information

Model Number	Nominal power W	Output # 1 DC ¹⁾		Output # 2 DC ²⁾	
		V, +/- 5%	Max Amps	V, +/- 5%	Max Amps
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

