

OPEN FRAME **Single Output**

20 Watt

- A family of single output, 20 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 **: 5 %
 Max Startup time: 5 s
 Holdover: 10 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 70 % minimum

PROTECTION Output short circuit protected

LEAKAGE CURRENT Less than 750uA

MECHANICAL

Mounting Hole: 112 x 32 mm with 3.5.X 4 pls
 AC input: Molex 5273 5P3 or equivalent
 DC Output: #18AWG wire 50 mm with Molex 3069 (09-91-0200) connector
 Dimensions (L x W x H), mm: 120 x 40 x 28
 Weight typical, g: 130

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
 CSA C22.2 no 234
 CE Mark

Ordering Information

Model Number	Nominal Power	Output, DC	
		Volts	Amps
OTE-2005F	20	5	4
OTE-2005F-1010	20	9	2.2
OTE-2005F-1020	20	12	1.6
OTE-2005F-1030	20	15	1.3

All units can be customized to meet specific needs

