



ABOUT US

POWER SUPPLIES

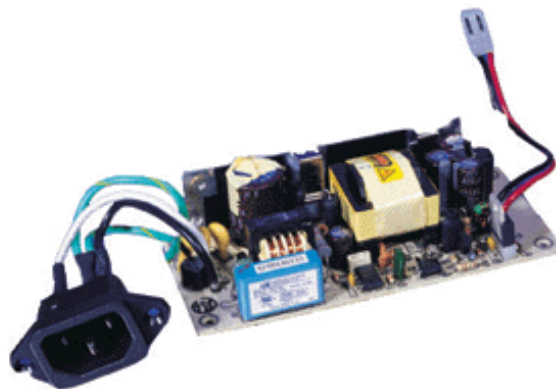
BATTERY DOC

PRESS RELEASES

SALES

OPEN FRAME Single Output 45-48 Watt

- A family of single output, 45 to 48 Watt, universal input switching power supplies
- Meets international and domestic commercial safety standards
- Meets international EMI requirements

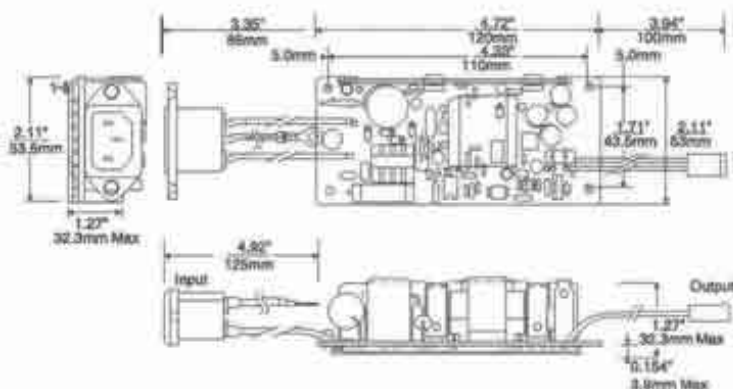


Ordering Information

Model Number	Nominal Power	Output, DC 1)	
		Volts	Max Amps
	W	Volts	Max Amps
OTE-4818F	45	18	2.5
OTE-4818F-1010	45	12	3.7
OTE-4818F-1020	45	15	3
OTE-4818F-1030	48	24	2

1) Peak Load: 112 % of max current for less than 1 sec
All units can be customized to meet specific needs

[Download Open Frame Single Output 45-48 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 **: 5 %
- Max Startup time: 5 s
- Holdover: 8 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

- 78 % minimum

PROTECTION

- Output short circuit and overload protected
- Over voltage protection Auto recovery at 19.8V ~ 23V

LEAKAGE CURRENT

- Less than 750uA

MECHANICAL

- AC input: #18 AWG wire 90 mm with IEC-320C14 AC inlet (supercom SC-9-1)
- DC Output: #18 AWG UL1007 black wire 100 mm with Molex 3069
- Dimensions (L x W x H), mm: 120 x 54 x 32
- Weight typical, g: 185

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
- TUV EN 60950

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