

MEDICAL GRADE DESKTOP Single Output

20 Watt Series

- A family of single output, 20Watt, medical grade switching power supplies.
- Meets international and domestic medical safety standards
- Meets Euro and California Efficiency requirements (I/P < 0.7Watts at no load)

SPECIFICATIONS

ELECTRICAL INPUT

Universal, 90 – 264Vac, 47-63Hz, Single phase

Inrush current 25A Max@115Vac cold start
 50A Max@230Vac cold start
 Input Power 0.75W Max @ no load
 Hold-Up Time 16mS typical @ 115Vac,
 full rated output load.

OUTPUT

Ripple* 1% pk-pk of output voltage
 measured differentially

Max total regulation** 5%
 *Ripple voltage measurement is done with an oscilloscope set at 20MHz bandwidth and output terminated with a 0.1µF ceramic capacitor and 47µF aluminum capacitor at full load and nominal line.
 **Includes line, load, temperature and set point.

EFFICIENCY 75% typical (full load)

PROTECTION Over-Voltage, Over-Current,
 Short-Circuit, Over Temp.

LEAKAGE CURRENT Less than 300µA

MECHANICAL

AC socket IEC-320 C8 (2-pin)
 Output cord 1830mm (6')
 Output connector Barrel style (centre positive)
 Power ON LED Green
 Case color Black
 Dimensions
 (LxWxH) 110mm x 50mm x 30mm
 Weight typical 200 grams

ENVIRONMENTAL

Operating Temp. 0°C to +40°C
 (at full rated output power with natural convection cooling and non-restricted environment)
 Storage Temperature -20°C to +85°C
 Operating Humidity 10 – 90% (non-condensing)
 Storage Humidity 5 – 95% (non-condensing)

EMI COMPLIANCE

EN 60601-1-2 Class B

SAFETY APPROVALS

UL (cUL) 60601-1
 EN 60601-1
 CE Mark



ORDERING INFORMATION

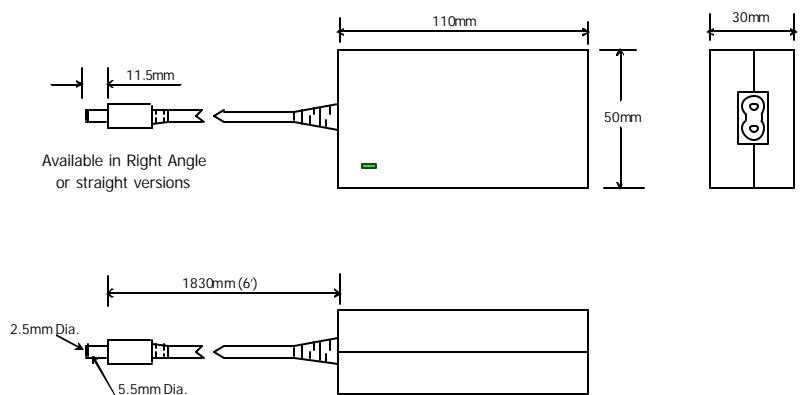
Model Number	Input Voltage	Output Voltage	Output Current	Peak Current	Nominal Power
	Volts AC	Volts DC	Amps	Amps	Watts
OTEM-20-05	90-264	5.0	4.0	5.0	20
OTEM-20-09	90-264	9.0	2.2	2.5	20
OTEM-20-12	90-264	12.0	1.7	2.0	20
OTEM-20-13	90-264	13.0	1.5	1.7	20
OTEM-20-15	90-264	15.0	1.3	1.5	20
OTEM-20-22	90-264	22.0	0.9	1.1	20
OTEM-20-24	90-264	24.0	0.8	1.0	20

All units available with IEC-320 C8 (2-pin) inlet.

Varies Output cable and connector options available

Other Output Voltage options available

MECHANICAL



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