

Desktop Specification
Rev 3 11/5/99

| | | Series DT30UxxxP | | | | | | |
|---------------|------------------------------|---------------------|--|-----------|-----------|-----------|-----------|------|
| Specification | | DT30U050P | DT30U090P | DT30U120P | DT30U150P | DT30U180P | DT30U240P | |
| 1 | Nominal Output Voltage | V | 5 | 9 | 12 | 15 | 18 | 24 |
| 2 | Minimum Output Current | A | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | Maximum Output Current | A | 4.0 | 2.2 | 2.5 | 2.0 | 1.6 | 1.25 |
| 4 | Maximum Peak Current (1) | A | - | - | - | - | - | - |
| 5 | Maximum Output Power | W | 20 | 19.8 | 30 | 30 | 28.8 | 30 |
| 6 | Input Voltage Range | V | 90 ~ 264VAC (47 ~ 63Hz) | | | | | |
| 7 | Efficiency (2) | % | 75% Typically | | | | | |
| 8 | Inrush current - Maximum (3) | A | 25 | | | | | |
| 9 | Adjustment Range | V | None | | | | | |
| 10 | Maximum Ripple & Noise (4) | mV | 50 | 90 | 120 | 150 | 180 | 240 |
| 11 | Total Regulation | mV | +/-5% | | | | | |
| 12 | Overcurrent Protection (5) | - | Short Circuit, auto restart | | | | | |
| 13 | Overvoltage Protection (6) | - | <150% of nominal | | | | | |
| 14 | Hold up time - 115VAC | ms | 16 | | | | | |
| 15 | Leakage Current | mA | 0.75mA Maximum | | | | | |
| 16 | Operating Temperature | C | 0 ~ 40C | | | | | |
| 17 | Storage Temperature | C | -40 ~ 85C | | | | | |
| 18 | EMI | - | FCC Class B, EN55022B, EN50081-1 | | | | | |
| 19 | Safety | - | UL1950, CSA 22.2 234, EN60950, MITI | | | | | |
| 20 | Other | - | CE Mark | | | | | |
| 21 | Immunity | - | EN 50082-1 | | | | | |
| | | - | IEC 801-2 Level 3 | | | | | |
| | | - | IEC 801-3 Level 2 | | | | | |
| | | - | IEC 801-4 Level 2 | | | | | |
| | | - | IEC 801-5 Level 3 | | | | | |
| 22 | Size (L x W x H) | mm | 112 (4.41") x 60 (2.36") x 36 (1.42") | | | | | |
| 23 | Weight | g | 235 (8.3 oz) | | | | | |
| 24 | Input connector | - | Mates with IEC320/C13 (3 wire) | | | | | |
| 25 | Output cable | m | 1.0 (39") minimum | | | | | |
| 26 | Output connector | - | Right angle 2.1mm ID, 5.5mm OD. Center pin is positive | | | | | |
| 27 | Color | - | Black | | | | | |

Notes:

- 1 Peak current lasting for 2 secs maximum. Average power not to exceed rated maximum
- 2 At 100VAC or 200VAC input and maximum output power
- 3 At 110VAC input cold start at 25C
- 4 Measured across 10uF electrolytic in parallel with 0.1uF ceramic at DC output connector
- 5 Avoid prolonged operation in overload
- 6 Zener Diode protected