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[TDK-Lambda Americas, Inc.](#)
[DT30U090P](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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