



# ETA-USA

## HIGH QUALITY SWITCHING POWER SUPPLIES

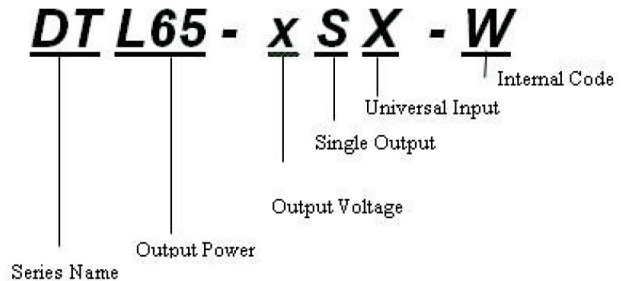
AC/DC SWITCHING DESKTOP ADAPTER  
POWER SUPPLY  
SINGLE OUTPUT / UNIVERSAL RANGE INPUT  
65 WATTS

### DTL65-xSX-W Series



Dimension: L108×W47×H29mm

#### General Description



#### Features

1. High Reliability
2. 100% BURN-IN Tested
3. 100% Hi-Pot tested
4. Safety Approvals, EMC compliance
5. LPS/ CURRENT LIMIT PROTECTION
6. no load < 750mW
7. No Load Power Consumption < 0.3w at 240 Vac

#### Input

<b>Input Voltage Range:</b>	90-264VAC
<b>Frequency:</b>	47-63Hz
<b>Input Current:</b>	2A max.
<b>Inrush Current:</b>	30A peak @ 115VAC 60A peak @ 230VAC (Cold start @25°C)*
<b>Efficiency :</b>	5~48V>80% @ full load, 115VAC

Output Characteristic	Unit	DTL65-05SX-W	DTL65-12SX-W	DTL65-15SX-W	DTL65-19SX-W	DTL65-24SX-W	DTL65-36SX-W	DTL65-48SX-W
		Output Voltage	Vdc	5	12	15	19	24
Output Current	A	8	5	4	3.4	2.7	1.8	1.35
Output Power	W	40	60	60	64.6	64.8	64.8	64.8
O/P Regulation	%	5	3	3	3	2	2	2
Line Regulation	%	<1%						
Ripple & Noise (Vp-p)*	mVp-p	240	240	150	150	150	150	150
LPS				•	•	•	•	•
Green functions		no load < 750mW						
Hold-up time	mS	>10ms typical at full load @ 115VAC						

1. Peak-to-peak with 20MHz bandwidth with a tantalum 10uF in parallel with a 0.1uF ceramic capacitor.  
2. X = 0, AC INLET : IEC 320-C8 (2PIN), X = 1, AC Inlet : IEC 320-C6 (3PIN)



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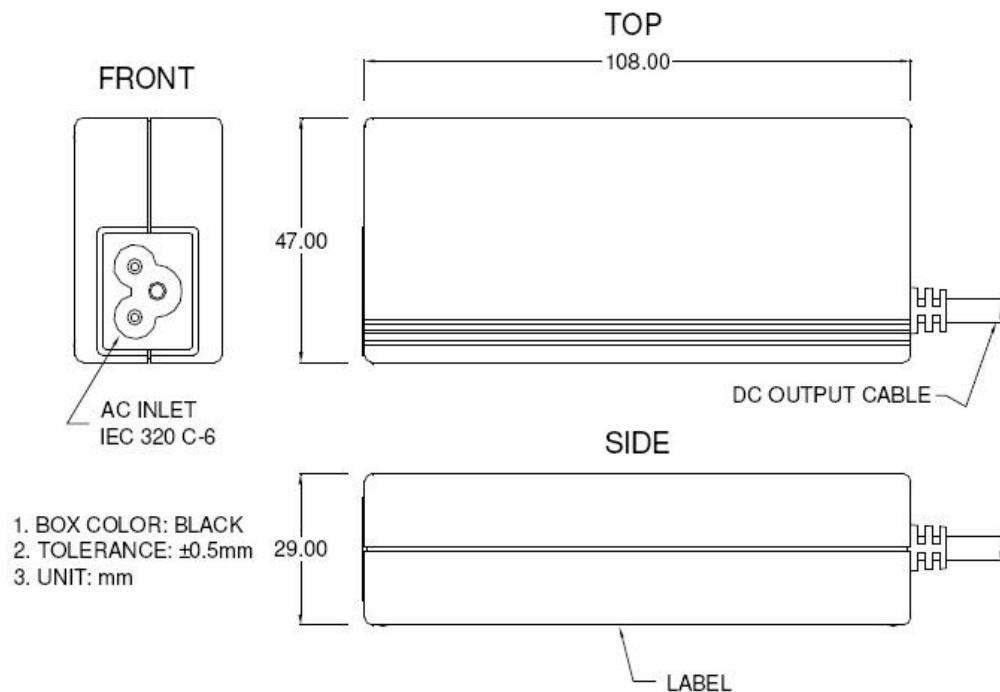
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Environmental Specification	
Operating Temperature	0 to +40°C
Storage Temperature	-10 to +70°C
MTBF demonstrated	>80'000 hours at full load and 25 °C ambient temperature
Environmental Agencies	
Safety Standards	UL 60950 CSA 22.2-No.60950-1 TUV EN60950-1 CB IEC 60950-1
EMC Standards	CISPR 22 Class B, FCC Part 15 Class B, EN 55022 Class B, EN 55024, CE
Protection	
Short circuit protection	Auto restart type
Over Voltage Protection	Safe restart
Over power protection	Auto restart
Mechanical	
Dimension [mm]: L108×W47×H29mm	
2PIN OR 3PIN ARE AVAILABLE	
AC Input : IEC 320-C8 or IEC 320-C6 Inlet	

### DIMENSION DIAGRAM (mm)

AC INLET : IEC 320-C6 (3PIN)



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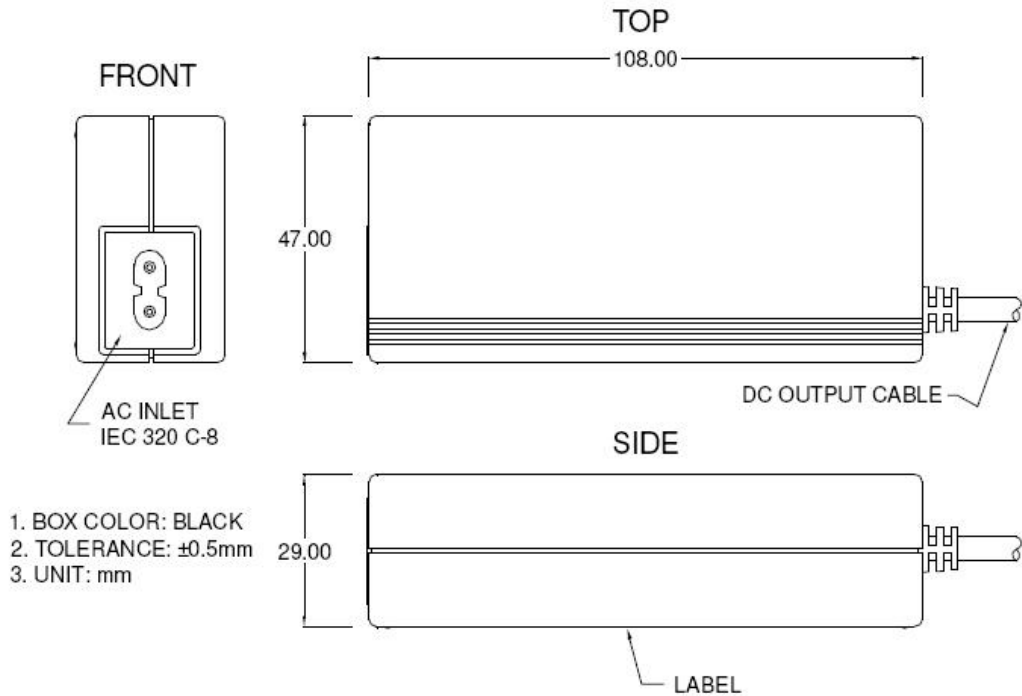
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HIGH QUALITY SWITCHING POWER SUPPLIES

## AC INLET : IEC 320-C8 (2PIN)



## STANDARD OUTPUT CABLE

1. AWM 1185#18AWG 1C+SHIELDING, UL 80°C 300V VW-1, 1500mm.
2. AWM 1571#16AWG 1C+SHIELDING, UL 80°C 30V VW-1, 1500mm.
3. Depends on customers requirements.



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