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3921 Max. 65 W

AC/DC Power Supplies - Open Frame

mascot tech spec

- Universal input voltage (90-264VAC)
- Fixed output voltages
- Short circuit proof
- <0.2W standby power
- Low earth leakage current
- ECO-design compliant (ERP-directive)
- Approvals:
  - Medically certified
    Safety: EN 60601-1 ed. 3.1

For updates: see www.mascot.no



TECHNICAL SPECIFICATIONS 24V*

GENERAL INPUT/OUTPUT

Input voltage:	90-264 VAC
Line frequency:	47 - 63 Hz
Load regulation:	< 1%
Mains regulation:	< 0,5%
Switch frequency approx.:	65 kHz
Overshoot:	
(90 - 10% load variation):	<250 mV
Undershoot:	
(10 - 90% load variation):	<350 mV
Temperature range	
• Operating:	-20 - +50°C
• With derating:	+ 70°C
• Storage:	-25 - +85°C
Derating:	1.6W/°C over 50°C
Ripple:	< 130 mV p-p
Efficiency:	Approx. 91 % at full load
Standby power:	< 0,2 W
Input terminal	3-pins CH3.96 Connector
Output terminal	4-pins CH3.96 Connector
Dimensions (L×W×H):	50.8×101.6×31mm
Weight:	150g

SAFETY PROTECTION EMC

Insulation class:	I
Insulation voltage	
Primary - secondary:	4000 VAC / 5700 VDC
Electrical safety std:	IEC 60601-1 Ed. 3.1
EMC standards	
• Medical:	EN 60601-1-2 ed. 4
• Emission:	EN 61000-6-3
• Immunity:	EN 61000-6-1

*** Some technical specifications may differ for other voltage versions.**

VERSIONS

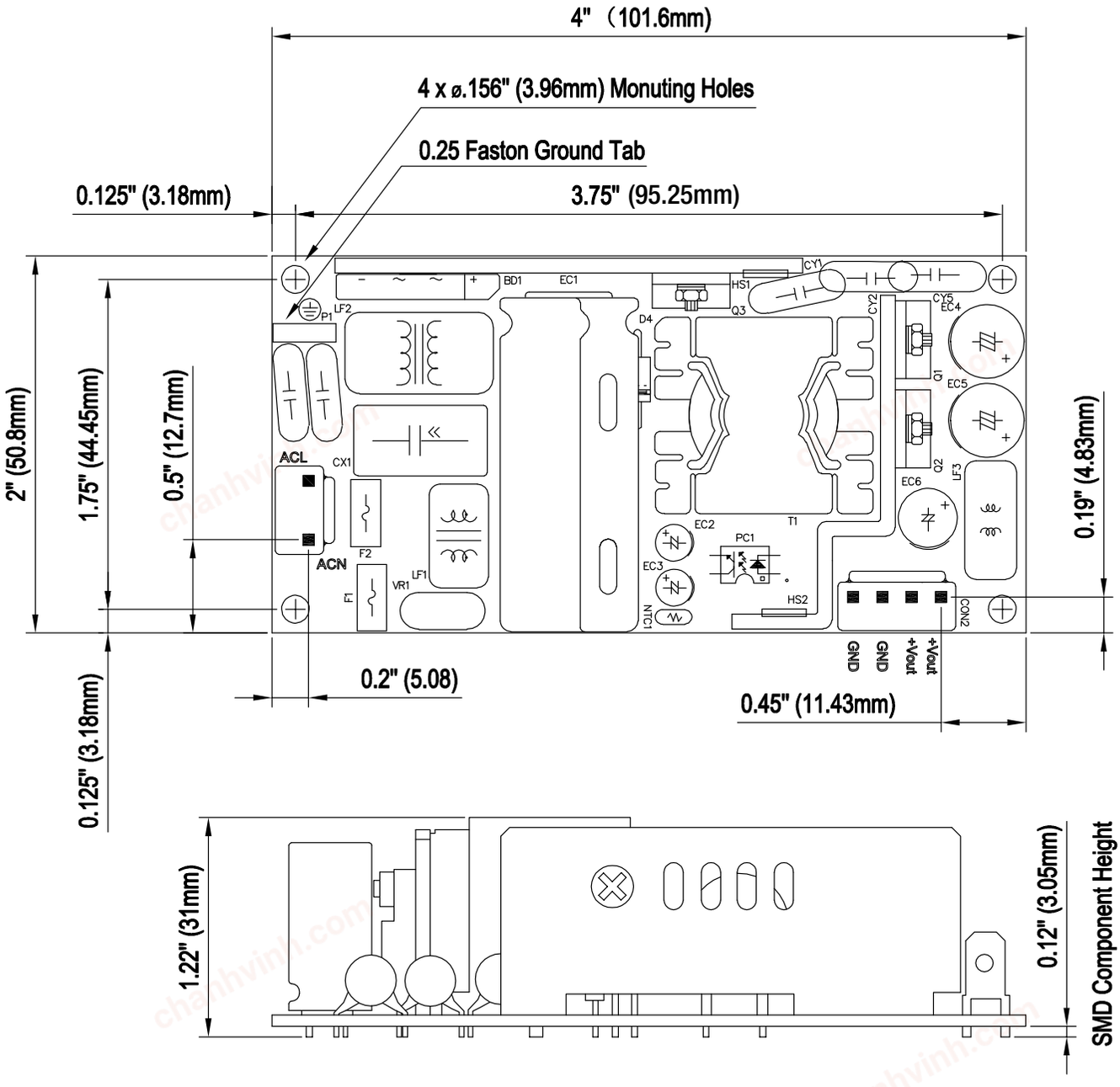
Output (V) +/- 2,5%	Max. current (A)	Max. output power (W)
12	5.4	65
15	4.33	
18	3.61	
24	2.7	

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Mechanical Details – PCB



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