

# TRG150A Series

150 Watt Single Output AC-DC Adaptor with PFC



E176177

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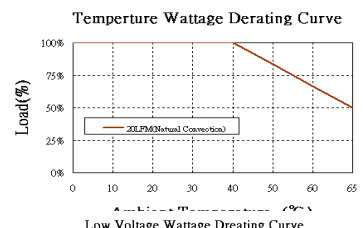
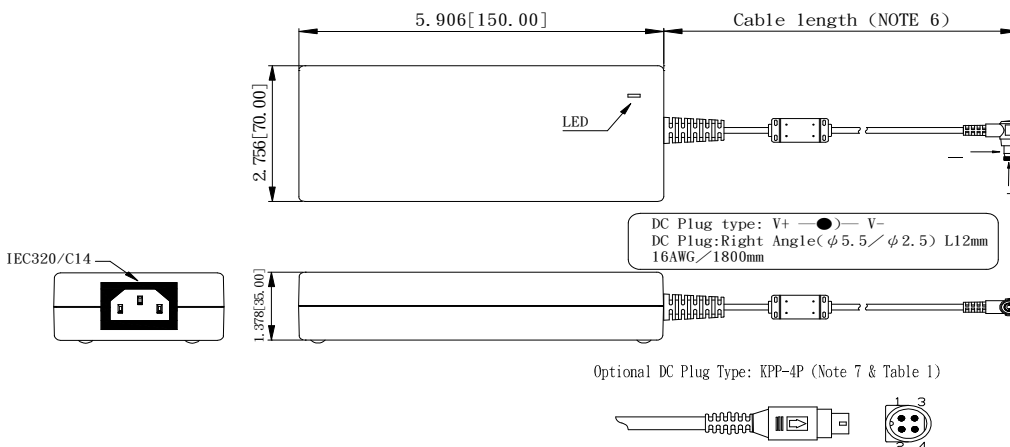
FEATURES	SPECIFICATIONS			
<ul style="list-style-type: none"> <li>■ Universal Input : 90 ~ 264Vac</li> <li>■ Active PFC Meets EN61000-3-2</li> <li>■ EMI Meets CISPR/FCC Class B</li> <li>■ High Efficiency at 85% min. @115Vac</li> <li>■ Green Power (Input Power &lt; 0.5W at no load).</li> <li>■ CEC Level IV Compliant (Output Cable Length : 950mm(max.) for TRG150A120 1220mm(max.) for TRG150A150 1800mm(max.) for TRG150A240/480)</li> </ul> <p>NOTE</p> <p>1: Add a 0.1uF ceramic capacitor and a 47uF E.L. capacitor to output for Ripple &amp; Noise measuring @20MHz BW.</p> <p>2: Voltage accuracy is set at 60% rated load and 25°C Ta.</p> <p>3: Line regulation is measured from 100Vac to 240Vac with rated load.</p> <p>4: Load regulation is measured at 60%±40% rated load.</p> <p>5: Dimensions tolerance : +/- 1mm.</p> <p>6: Standard Cable Length : 950mm(max.) for TRG150A120 1220mm(max.) for TRG150A150 1800mm(max.) for TRG150A240/480</p> <p>7: DC Plug : Right Angle(φ5.5/φ2.5/L12mm) is the standard plug for TRG150A Series. KYCON KPP-4P or equivalent is optional. Please contact Cincon for more detailed descriptions.</p>	<ul style="list-style-type: none"> <li>■ Input Characteristics</li> </ul> <table border="1"> <tr> <td>                     Voltage                      Frequency                      Inrush Current at 25°C cold start                      EMI                      Isolation                      Leakage Current                 </td> <td>                     90 ~ 264Vac                      47 to 63Hz                      120A Max. @264Vac                      CISPR/FCC Class B                      Input to output = 4,242Vdc                      3.5mA Max.                 </td> </tr> </table>		Voltage Frequency Inrush Current at 25°C cold start EMI Isolation Leakage Current	90 ~ 264Vac 47 to 63Hz 120A Max. @264Vac CISPR/FCC Class B Input to output = 4,242Vdc 3.5mA Max.
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<ul style="list-style-type: none"> <li>■ Mechanical Outline</li> </ul> <table border="1"> <tr> <td>                     Dimensions                 </td> <td>                     180x74x41mm( 7.08x2.91x1.61Inches)                 </td> </tr> </table>		Dimensions	180x74x41mm( 7.08x2.91x1.61Inches)	
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Model	Output	Output Current (A)		Ripple & Noise	Voltage Accuracy	Line Reg.	Load Reg.
	Voltage	Rated	Min.				
TRG150A120	+12V	12.50	0	2%	±2%	±1%	±5%
TRG150A150	+15V	10.00	0	2%	±2%	±1%	±5%
TRG150A240	+24V	6.25	0	2%	±2%	±1%	±5%
TRG150A480	+48V	3.13	0	2%	±2%	±1%	±5%

Typical @25°C, nominal line and 60% rated load, unless otherwise specified.

## DRAWINGS:

All Dimensions are in inches(mm)  
Tolerance: Inches:X.XXX±0.02  
Millimeters:X.XX±0.5



Pin	Assignment
1	Output +
2	Output +
3	Return/Input Earth
4	Return/Input Earth
Shell	Return/Input Earth