



**FEATURES**

- IEC 320/C14 AC Inlet
- Energy Efficiency Level VI
- NRCAN Level VI & ErP Stage II Compliant
- UL, cUL, TUV/GS, PSE Approvals
- LED Indicator
- Competitively Priced



**INPUT SPECIFICATIONS**

Input Voltage Range ..... 90-264 VAC  
 Input Frequency ..... 47-63 Hz  
 Input Current ..... 3.9A max.  
 Inrush Current ..... 100A max. @ 230 VAC, at 25°C cold start  
 Earth Leakage Current ..... 3.5mA max.

**OUTPUT SPECIFICATIONS**

Output Power Ratings ..... See models list  
 No Load Power Cons. .... 0.5W max.  
 Line Regulation ..... ±1% max.  
 Load Regulation ..... ±5% max.  
 Ripple and Noise\* ..... 1% peak to peak max. @ full load  
 Over Voltage Protection ..... Set at 150% max., Latch off  
 Over Current Protection ..... Set at 150% max., Latch off  
 Short Circuit Protection ..... Latch off  
 Over Temp. Protection ..... Latch off  
 Temperature Coefficient ..... ±0.04%/°C max.  
 Transient Response ..... 0.5 ms @ 50% load change

\*Measured with 20MHz bandwidth at rated line voltage and output load ranges, with a 10µF tantalum capacitor in parallel with a 0.1µF ceramic capacitor in parallel across the output.

**GENERAL SPECIFICATIONS**

Power Factor ..... 0.9 min. @ full load  
 Efficiency ..... 87% min. @ full load  
 Hold-Up Time ..... 10ms @ full load  
 Operating Temperature ..... 0°C to +40°C  
 Storage Temperature ..... -20°C to +80°C  
 Operating Humidity ..... 20 to 80% non-condensing  
 Storage Humidity ..... 10 to 90% non-condensing  
 Withstand Voltage ..... 3,000 VAC input-output  
 1,500 VAC input-ground  
 MTBF ..... 300 KHrs minimum at full load,  
 25°C ambient, calculated per  
 Telcordia SR-332

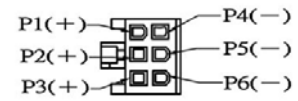
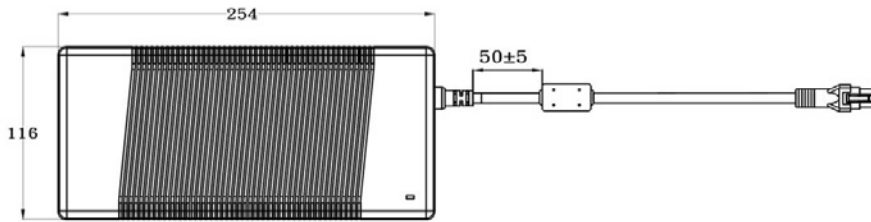
**MODELS LIST**

Product No.	Output Voltage	Output Current	Maximum Power
<b>TTA300-12</b>	12V	24A	288W
<b>TTA300-19</b>	19V	15.78A	300W
<b>TTA300-24</b>	24V	12.5A	300W
<b>TTA300-48</b>	48V	6.25A	300W

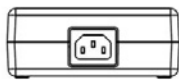
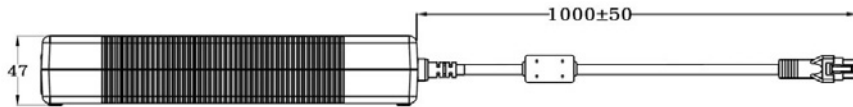
**STANDARDS & COMPLIANCES**

EN 55022, CISPR 22 ..... Class B, conducted & radiated  
 FCC ..... Class B, conducted & radiated  
 EN 61000-3-2 ..... Harmonic distortion, Class A & D  
 EN 61000-3-3 ..... Line flicker  
 EN 55024 ..... Immunity Performance  
 EN 61000-4-2 ..... ESD, ±8 KV air and ±4 KV contact  
 EN 61000-4-3 ..... Radiated immunity, 3V/m  
 EN 61000-4-4 ..... Fast transient/burst, ±1 KV  
 EN 61000-4-5 ..... Surge, ±1 KV diff., ±2 KV com.  
 EN 61000-4-6 ..... Conducted immunity, 3 Vrms  
 EN 61000-4-8 ..... Magnetic field immunity, 1A/m  
 EN 61000-4-11 ..... Voltage dip immunity,  
 30% reduction for 500ms,  
 60% reduction for 100ms,  
 >95% reduction for 10ms  
 Safety Standards ..... UL/IEC/EN 60950-1 (2<sup>nd</sup> Edition)  
 Agency Approvals ..... UL, cUL, TUV/GS, PSE, CE, CB  
 Other Compliances ..... RoHS, Energy Star 2.0, CEC Level VI,  
 ErP Stage II, NRCAN Level VI

### MECHANICAL SPECIFICATIONS



PINS	FUNCTION
1	+V
2	+V
3	+V
4	RETURN
5	RETURN
6	RETURN



FRONT-VIEW

Notes:

1. Unit: mm
2. Tolerance: 0.5mm maximum, unless otherwise stated.
3. Weight: 1.6 kgs (3.53 lbs) approx.
4. Standard output connector: Molex Mini-Fit receptacle P/N 39-01-2060 with female terminal #5556 or equivalent.
5. Mating connector: Molex P/N 39-01-2066 with male terminal #5558, #5566, #5569 or equivalent.
6. Contact TRUMPower for output connector options.