

traxon



LED Engine Smart 300W Indoor



A universal AC input Power Supply Unit (PSU), equipped with TX Connect ready connectors. The LED Engine Smart 300W Indoor is a rack-mountable, fanless supply that ensures high reliability in any Traxon LED lighting applications.



INDOOR

ORDERING

Model No.	Description	Item Code
PS.IB.7030000	LED Engine Smart 300W 24V Indoor	AA5571201HA

OUTPUT SPECIFICATIONS

- **Power and Data Interface:** TX Connect Smart Indoor with selectable data source
- **Power and Data Connector:** 3x Molex, 3x terminal block
- **DC Voltage:** 24V
- **Rated Current:** 3.95A per TX Connect Smart output
- **Rated Power:** 94.8W per TX Connect Smart output
- **Ripple & Noise (max.):** 150mVp-p
- **Voltage Tolerance:** $\pm 2.0\%$
- **Line Regulation:** $\pm 0.5\%$
- **Load Regulation:** $\pm 1.0\%$
- **Setup, Rise Time (max.):** 2000ms, 100ms/230VAC; 4000ms, 100ms/115VAC at full load
- **Hold Up Time (typ.):** 16ms/230VAC; 16ms/115VAC at full load

INPUT SPECIFICATIONS

- **Data Interface:** DMX or e:pix
- **Data Connector:** 3x RJ45 female
- **Mains Interface:** IEC C14 male
- **Voltage Range:** 100 ~ 240VAC
- **Frequency Range:** 47 ~ 63Hz
- **Power Factor (typ.):** 0.95/230VAC; 0.98/115VAC at full load
- **Efficiency (typ.):** 85%
- **AC Current (typ.):** 4A / 115VAC; 2A / 230VAC
- **Inrush Current (typ.):** 22A/115VAC; 44A/230VAC
- **Leakage Current (typ.):** < 2mA / 240VAC

PROTECTION

- **Over Current:** 105 ~ 130% rated output power
- **Over Voltage:** 26.7 ~ 32.4V
- **Over Temperature:** 75°C \pm 5°C

ENVIRONMENT

- **Working Temperature:** 0°C ~ +40°C / 32°F ~ 104°F
- **Storage Temperature:** -20°C ~ +70°C / -4°F ~ 158°F
- **Working Humidity:** 20 ~ 90% RH non-condensing
- **Storage Humidity:** 10 ~ 90% RH non-condensing

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SAFETY & EMC

• **Safety Standards:** EN 61347-1, EN 61347-2-13

• **EMI Conduction & Radiation:** EN 55015, EN 61547, EN 55022, EN 55024, EN 61000-3-2, EN 610003-3

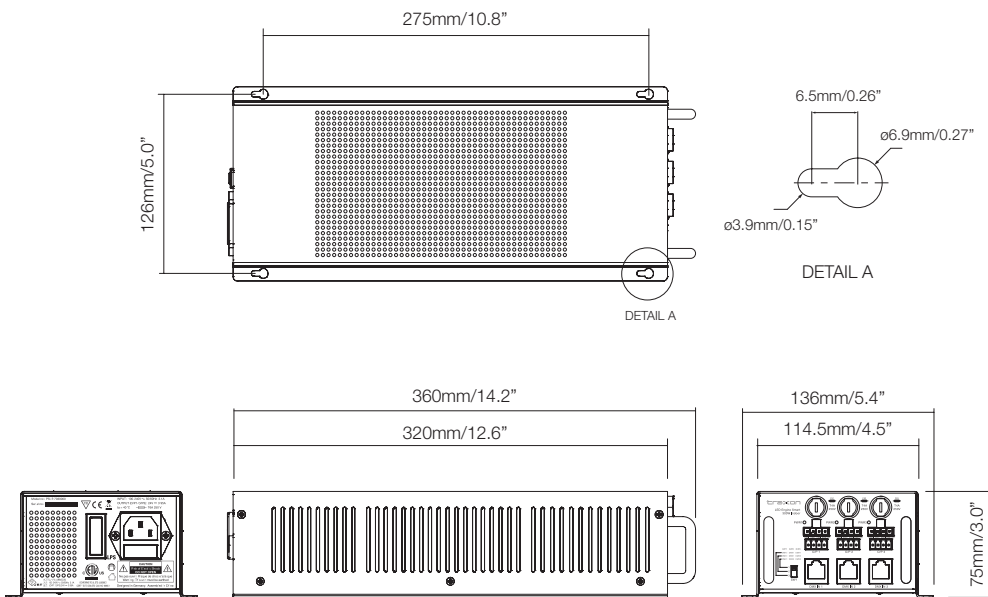
OTHERS

• **Dimension:** 320mm x 114.5mm x 75mm / 12.6" x 4.5" x 3"

• **Cables:** –

• **Packing:** 1.8kg

TECHNICAL DRAWING



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