

PSAT



Features

- PSAT powers and injects PLink data to drive compatible Pixel Tape and dots.
- Each PSAT can drive up to 340 RGB individual pixels (2 DMX universes)
- PSAT is compatible with ENTTEC Pixelator and Pixelator Mini
- Supports data extensions up to 300 meters over Cat6 cable
- Easy wiring using Cat6 and powerCON connections

Notes:

PLink system only works with CAT5/6 straight-through cables, do not use crossover cables.

Variations

75008 – PSAT [Legacy product]

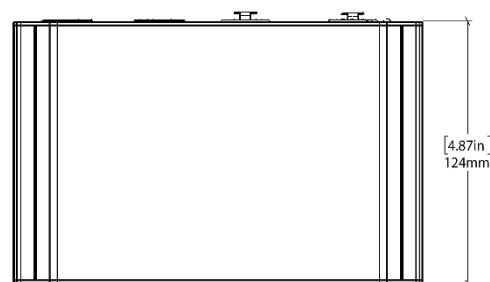
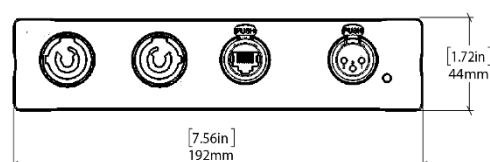


75009 - PSAT

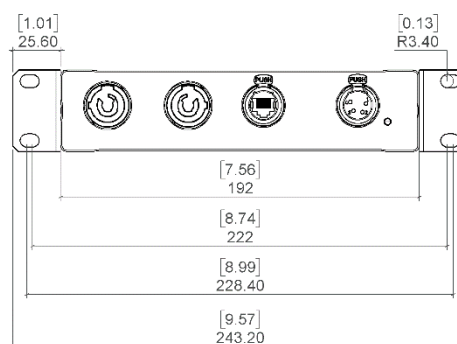


Physical Dimensions

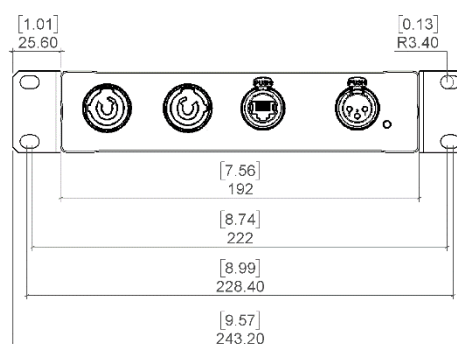
All dimensions are in millimetres (mm)



75008 – PSAT [Legacy Product]



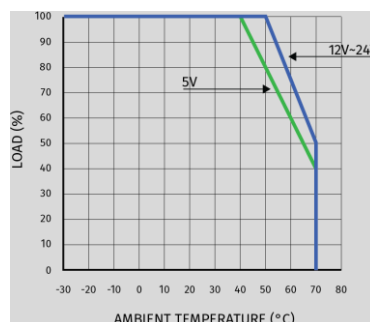
75009 – PSAT



Specifications

Item	Value					
	75008-55 <small>[Legacy Product]</small>	75008-16 <small>[Legacy Product]</small>	75008-26 <small>[Legacy Product]</small>	75009-5	75009-12	75009-24
PSU Input Voltage	90 – 264V AC					
Input Frequency	47 – 63Hz					
Output Voltage	5V	12V	24V	5V	12V	24V
Maximum Power Output	50W	60W	60W	50W	120W	130W
Maximum Current Output	10A	5A	2.5A	10A	10A	5.42 A
Leakage Current	<2mA/240VAC					
Data In	PLINK					
Output Protocols	WS2811, WS2812, WS2812B, WS2813, SK6812, TM1804, TM1812, APA-104, 9PDOT (8 – 16bit)					
Maximum Pixel output (RGBW)	256 RGBW					
Maximum Pixel output (RGB)	340 RGB					
Output DMX Channels	1024					
IP Rating	IP 20					
Operating Temperature	-10°C to Refer Derating Curve					
Energy Produced (BTU/h)	48.02	42.93	37.07	48.02	54.37	45.35
Cooling Method	Smart Fan				Fan	
Connectors	1X RJ45 etherCON 1X 4-Pin Female XLR 1X powerCON IN 1X powerCON OUT			1X RJ45 etherCON 1X 3-Pin Female XLR 1X powerCON IN 1X powerCON OUT		

Derating Curve



Safety Information

- This unit is intended for indoor use only.
- Do not expose this device to rain or moisture, doing this will void the warranty.
- Make all the connections before you plug in the mains power
- Do not remove the cover, there are no user serviceable components inside.
- Never plug this unit in to a dimmer pack
- Ensure proper earth connections
- Mount this unit in an area that will allow proper ventilation. Allow about 6" (20 cm) between this device and a wall.
- Power-supply cords should be routed so that they are not likely to be walked on or pinched

Ordering Information

Part Number	Description
75008-16 [Legacy Product]	PSAT 12V 60W (4 pin XLR)
75008-26 [Legacy Product]	PSAT 24V 60W (4 pin XLR)
75008-55 [Legacy Product]	PSAT 5V 50W (4 pin XLR)
75009-5	PSAT 5V 50W (3 pin XLR)
75009-12	PSAT 12V 120W (3 pin XLR)
75009-24	PSAT 24V 130W (3 pin XLR)

Accessories and Recommended Products (Order separately)

Part Number	Description
73910	US Mains plug powerCON cable
73911	UK Mains plug powerCON cable
73912	EU Mains plug powerCON cable
73913	AU Mains plug powerCON cable
70581-ARC	ENTTEC LED Mapper Software (ELM) Architectural (512 Universes)
70581-PRO	ENTTEC LED Mapper Software (ELM) Professional (96 Universes)
70581-STU	ENTTEC LED Mapper Software (ELM) Standard (16 Universes)
9PDOT (1-8)	HI-RES SMART RGB PIXEL DOTS
8PL60-F-12	RGB PIXEL TAPE 60 LEDS/METER 12V - 5M Roll
8PL30-F	RGB PIXEL TAPE 30 LEDS/METER 5V - 5M Roll
8PL60-F	RGB PIXEL TAPE 60 LEDS/METER 5V - 5M Roll
8PL144-2	RGB PIXEL TAPE 144 LEDS/METER 5V - 2M Roll
8PX60-4	RGBW PIXEL TAPE 60 LEDS/METER 5V - 4M Roll
8PXW60-4-B	RGBW PIXEL TAPE 60 LEDS/METER 5V - 4M Roll Black No Coating
8PX30-F	RGBW PIXEL TAPE 30 LEDS/METER 5V - 5M Roll
8PW60-F	WWA (CTA+AMBER) PIXEL TAPE 60 LEDS/METER 5V - 5M Roll
8PW30-F	WWA (CTA+AMBER) PIXEL TAPE 30 LEDS/METER 5V - 5M Roll
8P60-5-B	Pixel tape 60 LEDS/METER 5V - 5M Roll Black No Coating
79160	Universal Bracket

Due to continuous improvements and innovations of all ENTTEC products, specifications and features are subject to change without notice.

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