

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)
- Available in 3 options (5V, 12V and 24V)
- PSAT is compatible with ENTTEC **Pixie Driver**, **Pixelator** and **Pixelator Mini**
- Supports data extensions up to 300 meters over Cat6 cable
- Easy wiring using Cat6 and powerCON connections
- Monitors and maintains device temperature

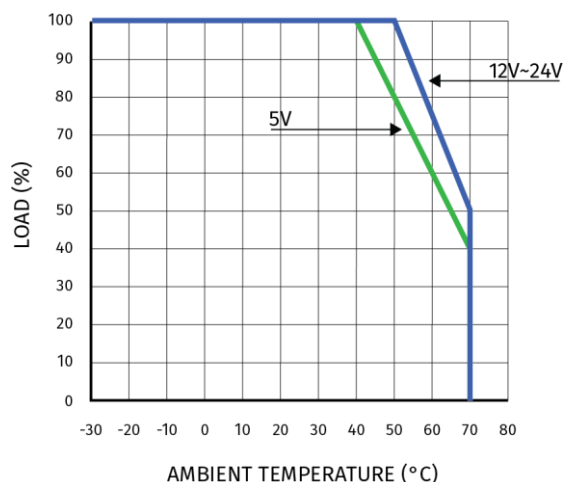
Safety

- 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 by items placed upon or against them.

Specifications

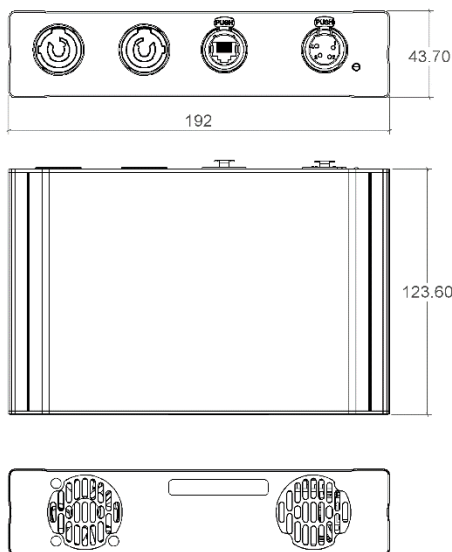
Item	Value		
	75008-16	75008-26	75008-55
Input Voltage	5V	12V	24V
Maximum Power Output	55W	65W	65W
Maximum Current Output	10A	5A	2.5A
Leakage Current	<2mA/240VAC		
Data In	PLINK		
Output Protocols	WS2811, WS2812, WS2812B, WS2813, SK6812, TM1804, TM1812, APA-104, 9PDOT (8 – 16bit)		
Maximum Pixel output (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		
Cooling Method	Smart Fan		
Connectors	1X RJ45 etherCON Connector 1X 4-Pin Female XLR (Output) 1X powerCON IN 1X powerCON OUT		

Derating Curve



Recommended to reduce device load if running at high temperatures to prolong lifetime

Physical Dimensions



All dimensions are in millimetres (mm)

Ordering Information

Part Number	Description
75008-16	PSAT 5V 55W
75008-26	PSAT 12V 65W
75008-55	PSAT 24V 65W

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 pug 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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