

PSxxHSxx

72W maximum, Single Output

Analog Vision

a reliable power source

Feature :

- Full range 90 ~ 277 VAC input
- Low cost, rugged, fully enclosed power supply
- PSE, UL1310, Class II outdoor rated
- Small foot print and profile, easily mount to any surface
- Fully potted assembly, IP68 compliance
- Natural convection cooling, no fan needed
- Full rated power from -20 ~ 40°C ambient temperature
- 2 years warranty



Model		PS40HS5	PS50HS10	PS60HS12	PS60HS18	PS72HS24
Input	Input voltage	90 ~ 277VAC	90 ~ 277VAC	90 ~ 277VAC	90 ~ 277VAC	90 ~ 277VAC
	Frequency	47 - 63Hz	47 - 63Hz	47 - 63Hz	47 - 63Hz	47 - 63Hz
	Input current	2A	2A	2A	2A	2A
	Efficiency	Comply with Energy Star Efficiency level IV				
Output	Output voltage (adjustable)	5.0 ~ 7.5VDC	7.5 ~ 10.5VDC	10.5 ~ 15.0VDC	15.0 ~ 21.0VDC	21.0 ~ 30.0VDC
	Output current	5A	5A	5A	3.3A	3A
	Output power	37.5W maximum	52.5W maximum	60W maximum	60W maximum	72W maximum
	Ripple & Noise	150mV	200m	250mV	250mV	250mV
	Hold up time	20mS @ 115VAC	20mS @ 115VAC	20mS @ 115VAC	20mS @ 115VAC	20mS @ 115VAC
Protection	Over voltage	135% ~ 150% of maximum output voltage				
		Protection mode: Hiccup, auto-recovery				
	Over current	Constant current limit: 95~110% of output current				
	Protection mode: Hiccup, auto-recovery					
Mechanism	Short circuit	Protection mode: Hiccup, auto-recovery				
	Input	Three Flying wires				
	Output	Two flying wires				
	Dimension	165(L) X 43(W) X 33(H) mm in metal case, potted				
Environment	Cooling method	Convection cooled				
	Operating temperature	-20 to +40°C				
	Storage temperature	-40 to +85°C				
	MTBF	100,000 hours at full load and 25°C ambient				
Safety	PSE and UL1310 approved, IP68 outdoor rated					
EMI	FCC part class B, CISPR 22 class B					

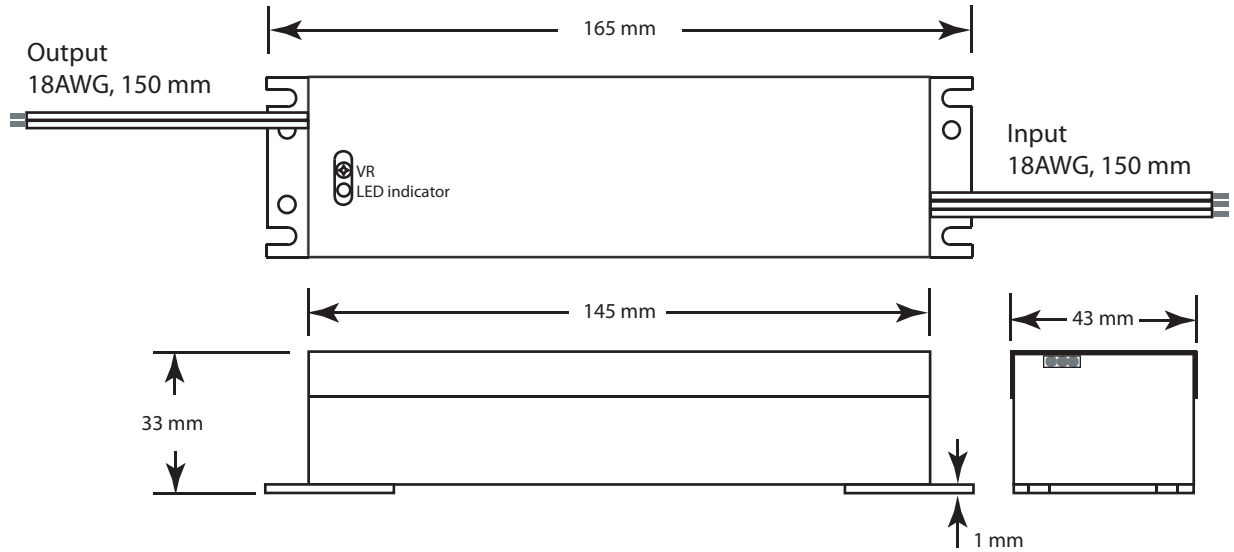


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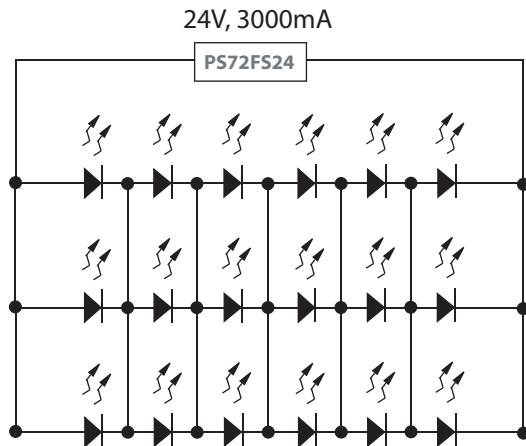
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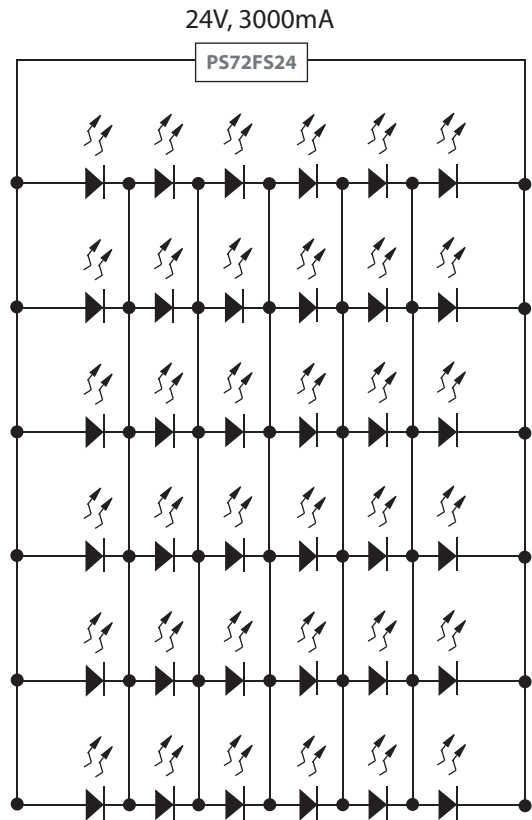
Outline dimensions :



Application notes :



6 to 8 LEDs, 3 stripSs
 $V_F = 3.0 \sim 3.7V$
 $I_F = 700 \sim 1000mA$



6 to 8 LEDs, 6 strips
 $V_F = 3.0 \sim 3.7V$
 $I_F = 350 \sim 500mA$