

Non-Dimmable Plug-in Adapter

AL-97-01-XXXXX



AL-97-01-12006
AL-97-01-24006

AL-97-01-12036
AL-97-01-24036

AL-97-01-12060
AL-97-01-24060

AL-97-01-24096

Non-Dimmable Plug-In Adapters provide portable, easy-to-install power for LED lighting, both for temporary installations and permanent ones where a driver cannot be installed. They featured DC plugs that connect directly to the Polara LED Puck Light and DC plug accessories. These adapters are already derated, which means they can be loaded to maximum wattage capacity.

- IP40 for use indoors in dry environments
- 2 year warranty

QUICK SPECIFICATIONS

Input		120V AC
Features	  	100% maximum load 0% minimum load Class 2
Environment	 	Dry environment (IP40) Protected against solid objects greater than 1mm
Certifications	 	RoHS UL Listed
Warranty		2 year limited

12V MODELS TECHNICAL INFORMATION

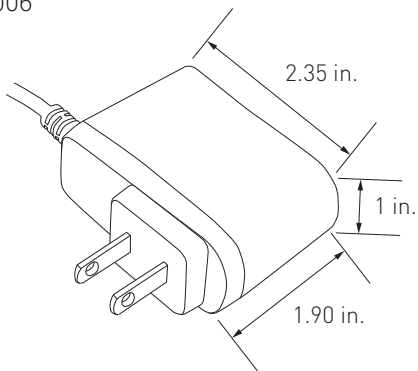
Item Number		AL-97-01-12006	AL-97-01-12036	AL-97-01-12060
Output	Voltage	12V DC	12V DC	12V DC
	Load Current	0.5A	3A	5A
	Rated power	6W	36W	60W
	Hold-up Time	10mS		
	Ripple	200mV		
Input	Voltage Range	120V AC		
	Frequency Range	50/60Hz		
	AC Inrush Current	Typical input voltage and output at full load, 25°C / 77°F		
	Efficiency	Typical input voltage & output at full load		
Protection	Short Circuit	The adapter will not damage by short the DC output to ground		
	Over Current	Auto Recovery		
Environment	Operating Temp.	30°C (±10°C), 86°F (±18°F), normal input voltage	0°~40°, 32°F-104°	
	Working Humidity	5~90%RH, non-condensing		
	Storage Temp., Humidity	-20~+85°C, -4~185°F / 5~95%RH		
Safety	Safety Standards	UL Listed		
Reliability	High Potential Test	Gradually raised from 0 to the 3000V AC and held at that value for 3s,10mA		
	Burn-in	At 30°C (±10°C), 86°F (±18°F), normal input voltage, 2~4 hours		
Other	Warranty	2 Year Limited		
	DC Cable Length	4.92 ft.		
	Weight	Approx. 3 oz.	Approx. 6 oz.	Approx. 8 oz.
	Size	2.35 x 1.00 x 1.90 in.	3.70 x 1.90 x 1.75 in.	4.50 x 2.00 x 1.20 in.

24V MODELS TECHNICAL INFORMATION

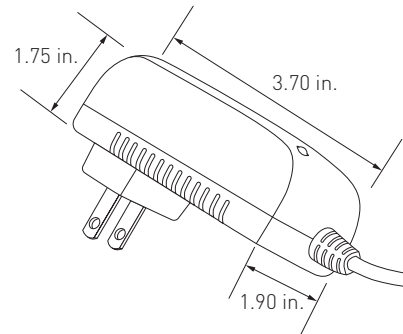
Item Number		AL-97-01-24006	AL-97-01-24036	AL-97-01-24060	AL-97-01-24096
Output	Voltage	24V DC	24V DC	24V DC	24V DC
	Load Current	0.25A	1.5A	2.5A	4A
	Rated power	6W	36W	60W	96W
	Hold-up Time	10mS			
	Ripple	200mV			1000mV
Input	Voltage Range	120V AC			
	Frequency Range	50/60Hz			
	AC Inrush Current	Typical input voltage and output at full load, 25°C / 77°F			
	Efficiency	Typical input voltage & output at full load			
Protection	Short Circuit	The adapter will not damage by short the DC output to ground			
	Over Current	Auto Recovery			
Environment	Operating Temp.	30°C (±10°C), 86°F (±18°F), normal input voltage	0°~40°, 32°F-104°		
	Working Humidity	5~90%RH, non-condensing			
	Storage Temp., Humidity	-20~+85°C, -4~185°F / 5~95%RH			
Safety	Safety Standards	UL Listed			
Reliability	High Potential Test	Gradually raised from 0 to the 3000V AC and held at that value for 3s,10mA			
	Burn-in	At 30°C (±10°C), 86°F (±18°F), normal input voltage, 2~4 hours			
Other	Warranty	2 Year Limited			
	DC Cable Length	4.92 ft.			
	Weight	Approx. 3 oz.	Approx. 6 oz.	Approx. 8 oz.	
	Size	2.35 x 1.00 x 1.90 in.	3.70 x 1.90 x 1.75 in.	4.50 x 2.00 x 1.20 in.	5.60 x 2.40 x 1.40 in.

DIMENSIONS

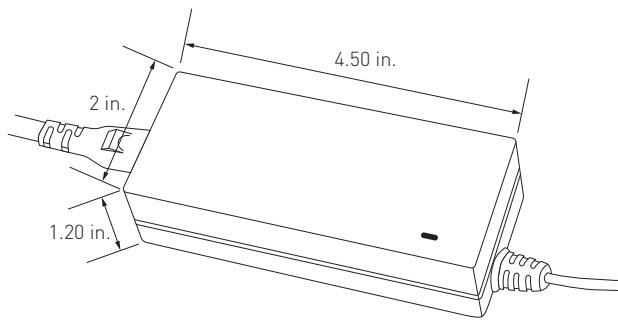
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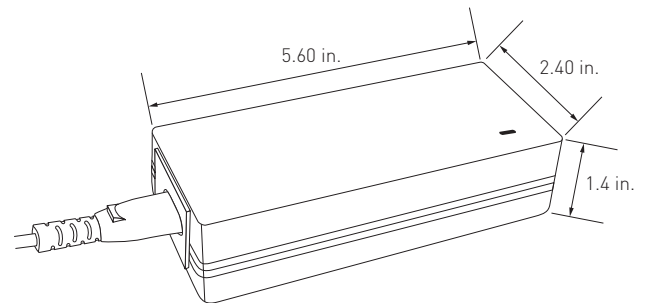
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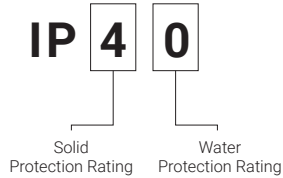
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AL-97-01-24096



IP (INGRESS PROTECTION) RATING GUIDE



Solid Ingress Rating

0	Not protected against solid objects
1	Protected against solid objects greater than 50mm
2	Protected against solid objects greater than 12.5mm
3	Protected against solid objects greater than 2.5mm
4	Protected against solid objects greater than 1mm
5	Protected against limited amounts dust
6	Dust tight

Water Ingress Rating

0	Not protected against water
1	Protected against vertically falling water droplets
2	Protected against vertically falling water droplets with enclosure titled up to 15°
3	Protected against sprays of water up to 60°
4	Protected against water splashes from all directions
5	Protected against jets of water
6	Protected against heavy seas and jets of water
7	Protected against immersion in 1m of water for up to 30 min.