

Model: GP-AS18N-xxV-AXE series (18W)

Features

- Universal AC Input Range 90 ~ 264VAC.
- Class 2 Power Supply Unit without Earth Pin.
- Constant Voltage Design (C.V mode).
- Fully Isolated Wall Mounted Adaptor.
- Protections: OCP, SCP, OVP.
- No Load Consumption < 0.5W at 230VAC.

Approvals



Size

74 * 29 * 56.7 mm (L*W*H)



Specifications

Model No.		GP-AS18N-12V-AXE	GP-AS18N-24V-AXE
Output	DC Voltage Range	12V	24V
	Rated Current	0-1500mA	0-750mA
	Rated Max. Power	18W	18W
	Voltage Tolerance	± 5%	± 5%
	Ripple & Noise (Max.) note.2	150 mVp-p	240 mVp-p
	Efficiency (Min)	85% at 115/230 VAC full load	85% at 115/230 VAC full load
	Set up Time (Max)	< 3S / 115 VAC at full load / < 1S / 230 VAC at full load	
Input	Rated Voltage	100 - 240VAC	
	Voltage Range	90-264 VAC	
	Frequency Range	47 Hz ~ 63 Hz	
	AC Current (Max.)	0.5A at 115 VAC /0.3A at 230 VAC	
	Inrush Current (Max.)	80A at 230 VAC	
	Leakage Current	< 0.25mA / 240 VAC	
	No Load Consumption	< 0.5W at 115/230VAC	
Protections	Over Current	110%~200% Constant current limiting, auto-recovery	
	Over Voltage	The power supply over 110%~200% voltage protection shall be clamped by internal protection.	
	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed	
Environment	Operation Temp.	0°C ~ 40°C full load	
	Operation Humidity	20% ~ 90% RH non-condensing.	
	Storage Humidity	-20 ~ +70°C ,20% ~ 90% RH	
Safety & EMC	Safety Temp Humidity	EN60950	
	Withstand Voltage	I/P - O/P: 3K VAC	
	EMI Conduction & radiation	meet Compliance to EN55032	
	EMC immunity	meet Compliance to EN61000-3-3;EN61000-4-2,3,4,5,6,8,11;EN55024	
Connection	Input Pin	EU Plug 2Pin	
	Output Connector	Φ5.5 x 2.1 x 9.5mm Black Fork	
	Output Cable	UL 2468, 22 AWG x 2 C (1500 mm) 80°C 300V	

Others	MTBF	50K hours min. @Ta=25 °C
	Dimension (L x W x H)	74 x 29 x 56.7 mm; 90g/pcs
Note	<ol style="list-style-type: none"> 1. All parameters NOT specially mentioned are measured at 230V AC input, rated load and 25°C ambient temperature. 2. Ripple & Noise are measured at 20MHZ bandwidth oscilloscope and with 0.1uF & 47uF parallel capacitor. 3. The power supply is considered a component which will be installed a final equipment. The final equipment must be re-confirmed that it still meets EMC directives. 	

Dimension

