

# 36W/24V Desktop Power Adapter (GWS-AP36-24)



## **Features**



- Power Input: AC90~264V
- Support production for short circuit/over current/over voltage
- > Wide operating ambient temp (-20 ℃~65 ℃)
- > 100% full load aging test
- > High efficiency, long life time and high reliability
- > No fan, completely tranquil work
- 3 years warranty

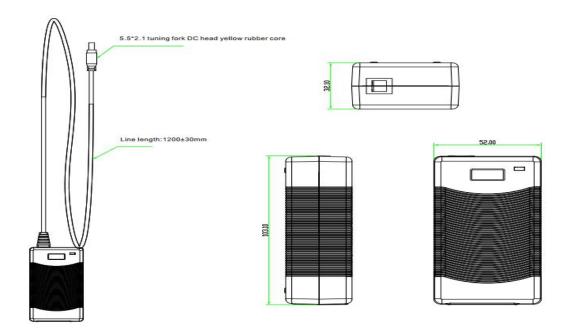
# **Technical Specification**

Model			GWS-AP36-24
Output	Group Of Output		1
	DC Voltage		24VDC
	Default Output Voltage		0-1.5A
	Ripple N	0 <ta≤55°c< td=""><td>≤50mVp-p</td></ta≤55°c<>	≤50mVp-p
		oise <mark>-15≤Ta≤0</mark> ℃	≤100mVp-p
	Stabilize	d Voltage Precision	±1%
	Line Regulation		±1%
	Load Regulation		±1%
	Temperature Coefficient		±0.03%/℃
	Output Start Time		≤3.0S (120Vac input, Full load); ≤2.0S (220Vac input, Full load)
	Output Hold Time		≥10mS(120Vac input, Full load); ≥20mS(220Vac input, Full load)
	Voltage	Overshoot	<5.0%
Input	Input Voltage Range		90VAC~264VAC
	Input Rated Voltage Range		100VAC~240VAC
	Frequency Range		47Hz~63Hz
	Efficiency		87%
	Input Current		<0.38A
	Inrush Starting Current		<40A@300Vac Cold start;
	Leakage Current		input to output less than 0.25mA
Protecti on	Output	Over Power	43.2~54W Swing machine (Testing method: Increase the output current until enabling the protection. Protection mode:Swing machine,
			Self-recovery after over-power released.)
		Over Voltage	28-29V Swing machine (Short circuit the Pin1-2 of U8, swing machine.
			Output recovery to normal after removing the short circuit) Note: Do not use external voltage.
		Over Current	1.8~2.25A Swing machine (Testing method: Increase the output current until enabling the protection. Protection mode:Swing machine,



			Self-recovery after over-current released.)	
			It can be short circuited for a long time and automatically recover after the short circuit is eliminated.	
on Environ	Operation Temperature And Humidity		-20℃~65℃; 20%~90%RH No condensing	
	Storage Temperature And Humidity		-40℃~85℃; 5%~95%RH No condensing	
Safety And EMC Standar	Security Standard		GB4943/EN60950	
	Dielectric Strength		Input—Output:3KVac/10mA; InputCase:1.5KVac/10mA; OutputCase:0.5KVDC/10mA Time for each testing is 1min.	
			Input-Output: 100M ohms; Input-Case: 100M ohms; Output-Case: 100M ohms;	
	Electrom	agnetic Interference	EN55022 Class A	
	Harmaonic Current		IEC61000-3-2 class A equipment requirements	
	Electromagnetic interference Immunity		EN61000-4-2,4,5,6,8,11 ENV50204, class A heavy industry standard	
Others	Design MTBF		100,000Hrs AT 25℃, MIL-217 Method 2 Components Stress Method	
	Product s	size(L*W*H)	103*52*33mm	
Notes	If the specification is not specified, all specifications and parameters shall be measured at rated input, rated load and 25 C ambient temperature.  Ripple noise test method: the use of a 12# twisted pair, while the terminal to parallel capacitance of 0.1uF and 10uF, measured at the scope of the oscilloscope 20MHz bandwidth.  The power supply will be installed on the final equipment as a component, and the final equipment will still have to meet the EMC condition.			

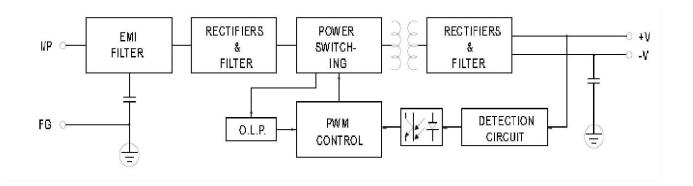
# **Dimension**



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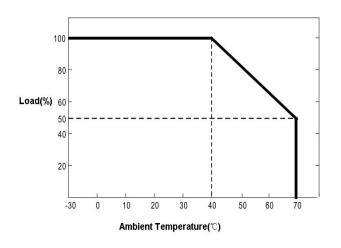


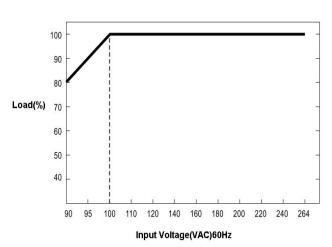
## **Block Diagram**



### **Derating Curve**

#### **Static Characteristic Curve**





### **Contact Us**

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