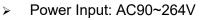


36W/52V Desktop Power Adaptor (GWS-AP36-52)



Features



- 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

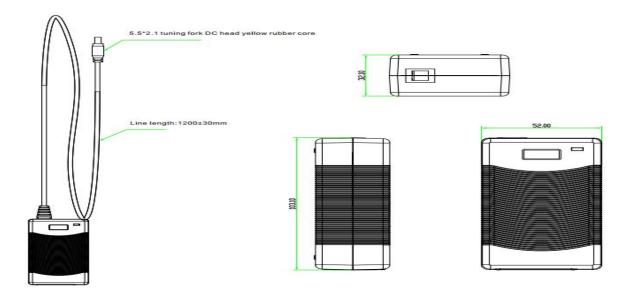
Technical Specification

Model			GWS-AP36-52
Output	Group Of Output		1
	DC Voltage		52VDC
	Default Output Voltage		0-0.7A
	Ripple No	0 <ta≤55℃< td=""><td>≤50mVp-p</td></ta≤55℃<>	≤50mVp-p
		oise <mark>-15≤Ta≤0°</mark> C	≤100mVp-p
	Stabilized Voltage Precision		±1%
	Line Regulation		±1%
	Load Regulation		±1%
	Temperature Coefficient		±0.03%/°C
	Output Start Time		≤3.0S (120Vac input, Full load);
			≤2.0S (220Vac input, Full load)
	Output Hold Time Voltage Overshoot		≥10mS(120Vac input, Full load);
			≥20mS(220Vac input, Full load)
			<5.0%
	Input Voltage Range		90VAC~264VAC
	Input Rated Voltage Range		100VAC~240VAC
Input	Frequency Range		47Hz~63Hz
	Efficiency		86%
	Input Current		<0.38A
	Inrush Starting Current		<40A@300Vac Cold start;
	Leakage Current		input to output less than 0.25mA
	Output	Over Power	43.2~54W Swing machine (Testing method: Increase the output
Protecti			current until enabling the protection. Protection mode:Swing machine,
on			Self-recovery after over-power released.)
			59-60V 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.
			0.84~1.05A Swing machine (Testing method: Increase the output current until enabling the protection. Protection mode:Swing machine,
			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.
-		n Temperature And	-20℃~65℃; 20%~90%RH No condensing
on	Humidity		
Environ ment	Storage Temperature And Humidity		-40℃~85℃; 5%~95%RH No condensing
Safety	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 N	ITBF	100,000Hrs AT 25°C, 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.		

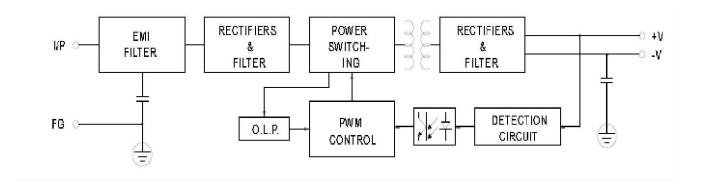
Dimension





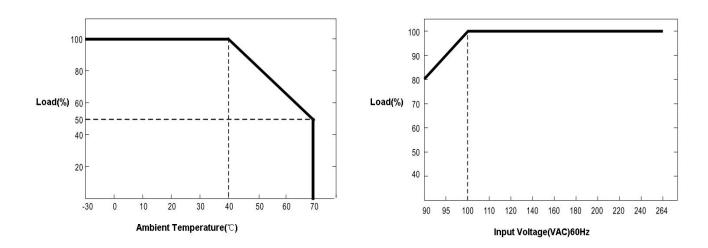
GWS-AP36W

Block Diagram



Derating Curve

Static Characteristic Curve



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