



50.8(W) x 30.5(H) x 101.6(L) mm

## DPS-50AP-2 A

### FEATURES

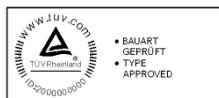
- Total power 50W
- 90-264Vac auto range input
- High reliability: > 100,000 hours @ full load and normal input (25 °C)
- Protection: Short / Over-current / Over-voltage / Over-temperature
- CCC: 5000 meter
- Bulk Cap: JP Type
- Safety: UL/cUL, TUV, CB by Demko ,CCC
- EMI: CLASS B
- Surge: 4KV common mode  
2KV differential mode

<b>Input</b>	Voltage range	90~264Vac auto range
	Frequency	47~63Hz
	Efficiency	The average efficiency at 25%, 50%, 75% and 100% load $\geq$ 87%
	Input Current	100Vac / 12V / 4.17A load $\leq$ 1.5A 240Vac / 12V / 4.17A load $\leq$ 0.75A
<b>Output</b>	12V	0A to 4.17A
<b>Protection</b>	Over-current	Auto recovery
	Over-temperature	Latch
	Short	Auto recovery
	Over-voltage	Auto recovery
<b>Environment</b>	Operating temp.	0 to 50°C Full load, 60°C 80% load
	Storage temp.	-20 to 70 °C
	Operating humidity	10% - 90%
	Storage humidity	10% - 95%



## DPS-50AP-2 A

<b>Safety Standards/Directives</b>	Electrical Safety		UL/cUL, TUV, CB,CCC,CE, BSMI refer to EN 60950-1			
	CE		In conformance with EMC Directive 2004/108/EC and Low Voltage Directive 2006/95/EC			
	EMC		EMI: refer to CISPR 22 ,FCC ,VCCI:CLASS B			
			ESD(IEC61000-4-2)	Air Discharge: $\pm 15KV$ min		
				Contact Discharge: $\pm 8KV$ min.		
			EFT(IEC61000- 4-4)		$\pm 2KV$	
			Surge(IEC61000-4-5)		Common Mode: $\pm 4KV$	
Different Mode: $\pm 2KV$						
Isolation	Input to Output	3.0KVac				



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Power de-rating curve

