FEATURES:

- Wide Input Voltage 90 to 264VAC,47 to 63Hz
- Not compliant with IEEE802.3af standard
- Efficiency at 80% Typical
- Data Rate:10/100Mbps
- 2Pole Europe Plug
- Class Ⅱ
- 3 Year warranty
- ROHS Compliant

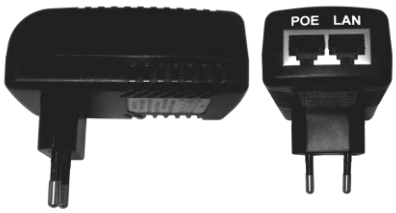
YUAN DEAN SCIENTIFIC

PoE

Universal AC Adapters

PDD18 Series

10/100Mbps



ROHS COMPLIANT

3 YEARS WARRANTY

Specifications typical at TA=25°C, nominal input voltage and rated output current unless otherwise specified

Part Number	Output Wattage	Output Voltage	Output Current		Ripple & Noise (note1)	Efficiency
	(W)	(V)	(mA) (min)	(mA) (max)	(mV) max	%(TYP)
PDD18-S48-01	3.3	303	0	350	240	80

Input Specifications

Parameters	Conditions	Min	Typ	Max	Units
Voltage Range	Vo,Io nom	90	100-240	264	Vac
Frequency		47	50/60	63	Hz
Input Current	Vo,Io nom			0.5	A
Inrush Current	At 115Vac			15	A
	At 230Vac			30	A
Input Fuse	VDE/UL/CCC FUSE 2.5A/250V(Slow blow)				

Output Specifications

Parameters	Conditions	Min	Typ	Max	Units
Output Voltage Accuracy	Vi nom,Io nom Vo			±5	%
Protection	Overload	Above 110% rated output power			
		Protection type: Recovers automatically after fault condition is removed			
	Short circuit	Recovers automatically after fault condition is removed			

Note. 1. Ripple & noise is measured by using 20 MHz bandwidth, measured with a 47uf paralleled with a high-frequency 0.47uf capacitor arcoss each output by full load.

Part Number

P	D	D	18	-	S	48	-	01
A	B	C	D		E	F		G

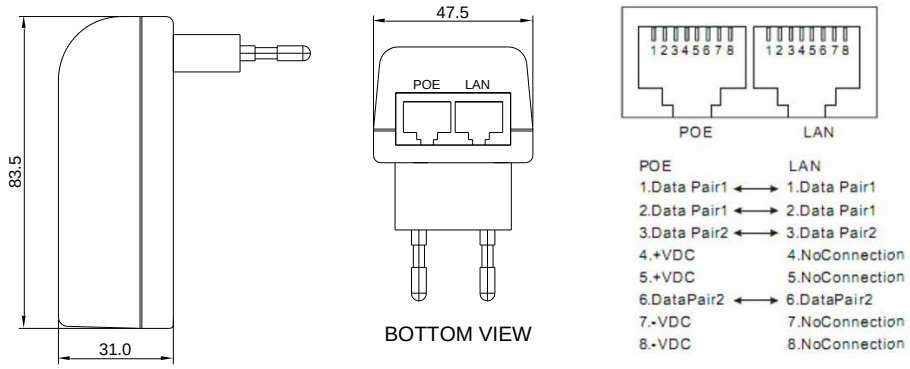
A:Series
B:Package
C:Types
D:Output Watt
E:Single Output
F:Output Voltage
G:Types

TEL：886-6-3842899 FAX：886-6-3843288
E-MAIL：ydsweb@yds.com.tw

General Specifications

Parameters	Conditions	Min	Typ	Max	Units
Switching Frequency	Vi nom,Io nom		65		KHz
Isolation Voltage	Input / Output		3KVac/ 5mA/5Secs		
Isolation Resistance	Input / Output,@500 Vdc	100			MΩ
Operating Temperature	With no derating	0		+40	℃
Storage Temperature	Non Operational	-20		+85	℃
Safety Standards	Compliance to UL60950-1,IEC60950-1,Energy star CEC V (ERP 2)				
Dimension	L83.5x W47.5 x H31.0				mm

Markings and dimensions



Unit:mm Unless otherwise specified, all tolerances are ±0.50