TCM-1220PS

Switching Power Supply 240W 12VDC - 20A

HIGH RISK INSTALL CAREFULL

Indoor Use Only

TCM-1220PS

Features

• DC 12V 20A POWER SUPPLY - Input : AC 85~240V Switchable;Output:DC +12V (Adjustable±10%) 20A Maximum Power:250Watts

• High-Quality Raw Materrials - Pure Copper Inductors, High-performance Transformers, Dual-capacity Electrolytic Capacitors is The Guarantee of High-quality Power Supply

• Multiple Protection - With Over-voltage Protection, Overload Protection, Overheating Protection and Prevent Short Circuit

• Testing & Certification - This Power Supply is Finished After 48 Hours Burn-in , and Passed The CE and FCC Certification

• Widely Used - High quality Switch Power Supply Widely Used in LED Strip, LED Display, Audio Power Amplifier, LED Lighting, Light Box Billboard, etc.

Model	TCM-1210PS
Input Voltage	90 - 240VAC
Output Voltage	12 VDC
Current	20 Ampere
Power	240 Watt
Material	Metal case/Alumunium case
Working Temp.	-45 C to 49 C
AC input voltage range	90-132VAC/180-264VAC, selected by switch, 47-63Hz; 254-370VDC
Input current	3.6A/115V, 1.8A/230V
AC inrush current	Cold-start current: 25A/115V, 50A/230V
Leakage current	3.5mA/240VAC max
Overload protection	105%-150% Type:Foldback current limiting Rest:auto-recovery
Temperature coefficient	±0.03%/°C (0-50°C)
Setup rise hold up time	200ms, 100ms, 20ms
Vibration	10-500HZ,2G 10min/1cycle, Periodfor 60min, Each axes
Dielectric strength	1.5KVac, 50/60 Hz for 1 min between input and output
	1.5KVac, 50/60 Hz for 1 min between input and enclosure
	0.5KVac, 50/60 Hz for 1 min between output and enclosure
Isolation resistance	100MΩ min. at 500 VDC
Working temperature humidity	-10°C-60°C (Refer to output characteristic figure), 20%-90%RH
Store temperature humidity	-20°C-85°C, 10%-95%RH
External dimension	198x97x42mm

Note :

1. The testing condition for the above paramenter is : 230VAC input, rated load, 25°C, Humidity 70%RH.
2. Error, include the setting error, line stability and load stability. (Note:5)
3. Wave test : adopting A12 double wire for 20MHZ, and 0.1uF-47uF capacitor short-circuit for interrupting.
4. Inlet voltage stability test : when is over load, the lowest voltage of enter is representative to the highest voltage
5. Load stability test : The load is from 0% to 100%.

Features and specifications subject to change without notice