

5W DoE VI Fixed Pin Adapter



The 5V/1A adapter series is the latest offering from a professional in charging adapter technology and manufacturing-Meic Technology. Meic 5V/1A Value adapter series are designed to work with most 5V powered networking communication devices, such as Router, switch, Set-Top Box (STB) and other 5V powered devices. Our 5V Value adapter series conforms to most of the industry standards and meets DoE level 6 energy efficiency requirements, we ensure our products meet or exceed all the industry performance and safety requirements.

■ FEATURES

Efficiency	DoE 6 & Coc V5 Tier 2 (73.78% min)
No Load Input Power	0.075W Max, 115V/230Vac
Protection	OCP, OVP, SCP
Insulation Resistance	Primary to Secondary > 10M, 500Vdc
Dielectric Withstand Voltage	3000Vac, 10mA for 1min.
OVP	Output Voltage Shall not exceed 8V
OCP, SCP	Auto recovery, 1.2A max
Efficiency	73.62% Min
Efficiency@10%output	72.62% Min
AC Plug	CCC
Weight	57(g)

■ Electrical Specifications

Input Voltage	100~240Vac(90-264Vac min/max)
Frequency	50/60HZ Nom (47-63Hz min/max)
Input Current	0.2A(RMS) max
Output Voltage	5V
Output Current	1A
Maximum Output Power	5W continuous
Output Ripple & Noise	120mV(pk-pk) @25°C and 115&230Vac
AC Inrush Current	<30A max@115Vac and <60A max@230Vac
Over-shoot	10% (0A/1A)
Hold-up Time	>10mS @115Vac/60HZ and rated load
Turn-On Delay Time	<3 Sec at 90V/60HZ
Rise/Fall Time	<50ms at 115Vac/60HZ

■ Environmental Specifications

Operating Temperature	0°C ~ 40°C
Storage Temperature	-20°C ~ 70°C
Humidity, Operation	10~90% RH
Humidity, Storage	5~90% RH
MTBF(MIL-HDBK-217F)	50K hrs min. at 240Vac, rated load 25°C

■ Safety and Compliance

Safety Requirement	UL/CUL/CE/CB/CCC/PSE
EMI Requirement	EN55022 Class B & FCC Class B
Immunity requirement	
ESD test	EN61000-4-2. Contact: ±8KV Air ±15KV
RS test	EN61000-4-3. 3V/m
EFT test	EN61000-4-4. 1KV
DIP test	EN61000-4-11. Level 3
Surge test	EN61000-4-5 Line to Line: 1KV Line or Neutral to PE: 2KV

■ Dimensions: mm

