

24W DoE VI Fixed Pin Adapter



The 12V/2A adapter series is the latest offering from a professional in charging adapter technology and manufacturing-Meic Technology. Meic 12V/2A Value adapter series are designed to work with most 12V powered networking communication devices, such as Router, switch, Set-Top Box (STB) and other 12V powered devices. Our 12V 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 (86.2% 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 20V
OCP,SCP	Auto recovery, 4A max
Efficiency	86. 2% Min
Efficiency@10%output	72.62% Min
AC Plug	CCC,U.S.&Europe

■ Electrical Specifications

Input Voltage	100~240Vac(90-264Vac min/max)
Frequency	50/60HZ Nom (47-63Hz min/max)
Input Current	0.6A(RMS) max
Output Voltage	12V
Output Current	2A
Maximum Output Power	24W continuous
Output Ripple & Noise	240mV(pk-pk) @25°C and 115&230Vac
AC Inrush Current	<40A max@115Vac and <60A max@230Vac
Over-shoot	10%
Hold-up Time	>10ms typ@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

