

5W DoE VI Fixed Pin USB Adapter (MN-A505-C120)



The MN-A505-C120, 5V/1A USB adapter series is the latest offering from a professional in charging adapter technology and manufacturing-Meic Technology. The MN-A505-C120 USB adapter series is designed for charging your personal electronic devices and peripherals at home, in the office, or on the go. This USB adapter series conforms to most of the industry standards and meets DoE 6 & CoC V5 Tier 2 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	30(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	>10 mS @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

