

MKM Series 300-420W Desk Top Power Adaptor



MKM Series 300-420 Watts

Features:-

- Universal 90-264VAC input
- IEC320 C14, C8 or C6 AC input connectors
- Fully RoHS compliant
- Energy Efficiency Level VI
- EMC to EN55032 Class B
- Full Safety Approvals
- Compact Plastic Enclosure
- Perfect for industrial automation & remote control
- **Any Output Voltage available from 12V to 60V DC**
(consult sales office for details-maybe subject to MOQ)



C8



C6



C14

Electrical Specification

Model	MKM-120025C14	MKM-2400125C14	MKM-4800875C14
AC Input Voltage & Frequency	85-264VAC, 47-63Hz		
Input Current	5A Max		
Inrush Current	200A max 100-240VAC input 50Hz full load		
Earth Leakage Current	<0.75mA @ 240VAC		
Turn On Delay	3 seconds max		
No Load Power Consumption	<0.5W		
Efficiency	>88%		
Output Power	Up to 420 Watts depending on output voltage version		
Output Voltage & Current	12V DC 25A	24V DC 16A	48V DC 8.75A
Ripple & Noise	<1% pk-pk	<1% pk-pk	<1% pk-pk
Line Regulation	±1%		
Load Regulation	±5%		
Rise Time	40mS Max at 100VAC input and full load		
Hold Up Time	10mS Min at 115VAC, 20mS at 230VAC input and full load		
Short Circuit Protection	Hiccup Mode, the power supply will auto recover when short circuit removed		
Over Current Protection	Over 110 -200% the power supply will auto recover when over current removed		
Over Voltage Protection	≤150% V out		
Operating Ambient Temperature	-10°C to +40°C		
Storage Temperature	-10°C to +60°C		
Relative Humidity	10% to 90%		
EMC Emissions/Immunity	EN55032 Class B, FCC Part 15B, AS/NZS CISPR22		
Safety	UL/cUL/EN62368-1, CE Certified, UKCA,SAA		
AC Input Connector Options	Standard is IEC320-C14, Optional IEC320-C8 or C6		
DC Output Connector	Standard is 4 Pin DC power Connector, but others can be fitted		
MTBF Figures	>50k hours @ 25°C		
Dimensions/Weight	L 202 x W 104 x H 41.5mm / 1250 grams		

