SWITCH MODE POWER SUPPLY



Features

- Compact, Low Cost & High Reliability
- PROTECTION: Short-circuit, Over voltage & Overload
- 100% Full Load Burn-in test
- LED Indicator for Power on
- Cooling by free air convection
- CE Marked on all models
- 1 Year Warranty

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INPUT SPECIFICATION

Voltage Range

100 - 120VAC
200 - 240VAC

Frequency Range

47 - 63Hz

Efficiency

MS-60- 5 : 80%

AC Current (typ.)

0.8A / 230VAC

Inrush Current (typ.)

Leakage Current

100 - 120VAC
200 - 240VAC

47 - 63Hz
200 - 250WAC
200 - 240VAC

(for cold start at 25°C)

100 - 120VAC
200 - 240VAC

OUTPUT SPECIFICATION

Rated Current	MS-60-5 : 12A
Rated Power	60Watts
Voltage ADJ. Range	±10% (with V.ADJ)
Voltage Tolerance	±1%
Ripple & Noise(max)	MS-60-5: 80mVp-p
Setup Time	600ms / 230VAC at full load
Rise Time	30ms / 230VAC at full load
Hold Time(Typ.)	20ms / 230VAC at full load

PROTECTION

Overload	100% to 110% rated load current Protection Type : Hiccup mode, recovers automatically after fault condition is removed
Overvoltage	Protection Type: Shutdown output voltage, re-power on to recover

ENVIRONMENT

Temperature	Working: -10°C to +60°C (derating is required according to temperature)	
	Storage : -20°C to +85°C (with no icing or condensation)	
Humidity	Working: 20% to 90% RH	
	Storage : 10% to 95% RH	
Vibration Resistance	10 to 500Hz, 10min/1cycle (2 G) for 60min each in X, Y, Z directions	

STANDARDS

Safety Standards Meet the UL1012 requirement
EMC Standards Meet the EN55022 CLASS A Equipment

SECURITY

I/P and O/P; I/P and FG; O/P and FG: 100MΩ at 500VDC, 25°C, 70% RH

Between I/P and O/P: 1.5kVAC for 1 min

Between I/P and F.G: 0.5kVAC for 1 min

Between O/P and F.G: 0.5kVAC for 1 min

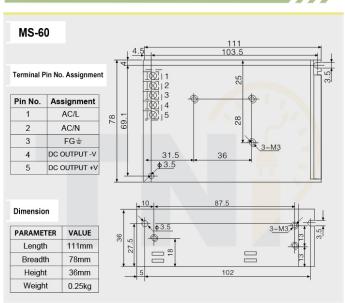
OTHER SPECIFICATION

Weight 0.27kg
Dimension (L*W*H) 111*78*36 mm

ORDER CODE

MODEL	VOLTAGE	CURRENT
MS-60-5	5VDC	12.0A

DIMENSIONS



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