



Microcontroller Type SMPS Specification Sheet

PCB Name/ Description : AT5-MIC07 (Built-in Micro Controller Card)

INPUT

Description	Output
AC Input Voltage	230V AC
AC Input Voltage range	80V TO 285V AC
AC Input frequency	50Hz to 60Hz
Primary current protection	NTC & Fuse

OUTPUT

Description	Single Output
Normal DC O/P Voltage	13.8V5V7.5V (Printer)
Minimum Load Current	0A
Maximum Load Current	2A3A3A Max.
Maximum O/P Power	27.6W15W11.5W
Ripple & Noise	<150 mV Peak to Peak
Under and Over Voltage protection	Micro Controller Based (Factory Preset)
Total O/P Regulation	1%
Open Circuit protection	Closed Loop Feedback System
Short Circuit protection With auto recovery.	Yes

MECHANICAL

Description	Output
Dimensions	155mm X 110mm X 52mm
Weight	Approx. 600 Gms.
I/P and O/P plug Type	9 Pin Terminal Strip (Screw Type)

ENVIRONMENT

Description	Output
Operating humidity	80% RH
Operating temp	Upto 70 deg.C at full load

SAFETY

Description	Output
Between Input & Output	1.5kV for 1 Minute
Between L, N & E	1kV