



RoHS Compliant SMPS Specification Sheet

PCB Name/ Description : AT5- RoHS Compliant SMPS

INPUT

Description	Output
AC Input Voltage	230V AC
AC Input Voltage range	90V TO 300V AC
AC Input frequency	50Hz to 60Hz
Inrush Current	< 15 A
Primary current protection	NTC & Fuse

OUTPUT

Description	Single Output	
Normal DC O/P Voltage	24V	5V
Minimum Load Current	0A	
Maximum Load Current	4A	1A
Maximum O/P Power	96W	5W
Ripple & Noise @ 230V AC	< 100 mV pk-pk	< 50 mV pk-pk
Over Voltage protection	Feedback Loop	Switching Regulator
Total O/P Regulation	< 2%	< 2%
Output power Indications	Onboard RED LED	Onboard GREEN LED
Short Circuit protection With auto recovery.	Yes	Yes

MECHANICAL

Description	Output
Dimensions	150mm X 80mm X 45mm
Weight	N/A
Input plug Type	3 Pin CPU Connector
Output plug Type	4 Pin CPU Connector

ENVIRONMENT

Description	Output
Operating humidity	N/A
Operating temp	Upto 70 deg.C at full load

SAFETY

Description	Output
Isolation	1.5KV AC between Input and Output for 1.5 Mins
Leakage Current	10mA