



90W LED Driver Specification Sheet

PCB Name/ Description : AT5-120WST R1.0 & 120WSTA

INPUT

Description	Output
AC Input Voltage	240V AC
AC Input Voltage range	130V TO 250V AC
AC Input frequency	50Hz to 60Hz
Primary current protection	NTC & Fuse
Power factor	0.99
Inrush Current	<15A

OUTPUT

Description	Output
Normal DC O/P Voltage	65W
Minimum Load Current	0A
Maximum Load Current	280mA
Maximum O/P Power	18.2W
Ripple & Noise	< 100mV
Under and Over Voltage protection	Feedback loop
Total O/P Regulation	< 2%
Short Circuit protection With auto recovery.	Yes
O/p power Indications.	N /A
Dynamic load Regulation	N /A

MECHANICAL

Description	Output
Dimensions	244mm X 82mm X32mm
I/P plug Type	3 Pin MKDS Connector
O/P plug Type	2 4 Pin CPU connector and 1 4 pin CPU connector with 12mm 23 x 76 wires

ENVIRONMENT

Description	Output
Operating temp	Upto 60 deg.C at full load

SAFETY

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