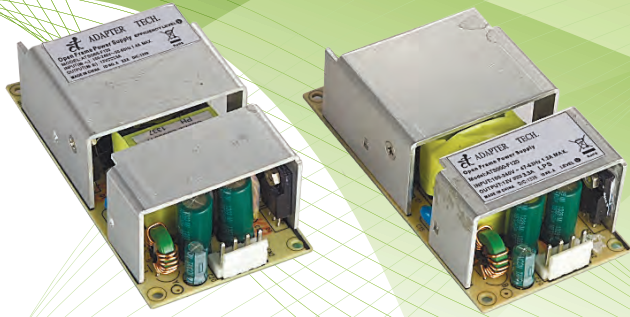


# Open Frame 50 / 65 Watt Series

ATS050 / 065  $\Delta$  - F X X X  $\square$



## Low Power Consumptions & High Efficiency

### Features :

- 100-240VAC Universal Input
- Regulated Output With Low Ripple Noise
- Modified and Custom Design Available

Model	O/P Voltage	O/P Current	Watt
ATS050 $\Delta$ -F090 $\square$	9.0V	4.00A	36.00W
ATS050 $\Delta$ -F091 $\square$	9.0V	5.00A	45.00W
ATS050 $\Delta$ -F120 $\square$	12.0V	3.30A	39.60W
ATS050 $\Delta$ -F121 $\square$	12.0V	4.20A	50.00W
ATS050 $\Delta$ -F135 $\square$	13.5V	3.71A	50.00W
ATS050 $\Delta$ -F150 $\square$	15.0V	3.34A	50.00W
ATS050 $\Delta$ -F180 $\square$	18.0V	2.78A	50.00W
ATS050 $\Delta$ -F190 $\square$	19.0V	2.64A	50.00W
ATS050 $\Delta$ -F240 $\square$	24.0V	2.10A	50.00W
ATS050 $\Delta$ -F480 $\square$	48.0V	1.05A	50.00W

Model	O/P Voltage	O/P Current	Watt
ATS065 $\Delta$ -F120 $\square$	12.0V	5.00A	60W
ATS065 $\Delta$ -F135 $\square$	13.5V	4.82A	65W
ATS065 $\Delta$ -F150 $\square$	15.0V	4.34A	65W
ATS065 $\Delta$ -F160 $\square$	16.0V	4.07A	65W
ATS065 $\Delta$ -F180 $\square$	18.0V	3.62A	65W
ATS065 $\Delta$ -F190 $\square$	19.0V	3.43A	65W
ATS065 $\Delta$ -F200 $\square$	20.0V	3.25A	65W
ATS065 $\Delta$ -F240 $\square$	24.0V	2.71A	65W
ATS065 $\Delta$ -F240 $\square$	24.0V	2.71A	65W
ATS065 $\Delta$ -F300 $\square$	30.0V	2.17A	65W
ATS065 $\Delta$ -F320 $\square$	32.0V	2.04A	65W
ATS065 $\Delta$ -F480 $\square$	48.0V	1.36A	65W
ATS065 $\Delta$ -F560 $\square$	56.0V	1.16A	65W

### Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.2A Max. for 50W / 1.4A Max. for 65W /
Protection	Internal Primary Current Fuse, Inrush Limiting

### Output

Load Regulation	±5% ( Typical )
Ripple	1 ~ 2% Vp-p Max. for Output Voltage @ Full Load
Transient Response	0.5mS for 50% Load Change Typical
Hold-up Time	10mS @ Full Load
Protection	Short Circuit Protection / Over Voltage Protection / Over Current Protection

### Electrical

Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	0.25mA @ 2Pin / 3.5mA @ 3 Pin
MTBF	300,000 Calculated Hours at 25°C , by Telcordia SR-332

### Environmental

Operating Temperature	0 to +40°C
Storage Temperature	-20 to +80°C
Relative Humidity	Operating: 20 to 80% RH Storage: 10 to 90% RH
Cooling	Natural Convection Cooling

### Mechanical

Dimension	L 102 × W 51 × H 35 (mm) ( Ref. ) 2" X 4" X 1.4" (inch) U-Shaped : L 125 × W 54 × H 32 (mm) ( Ref. )
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\* U-Shaped Heat Sink