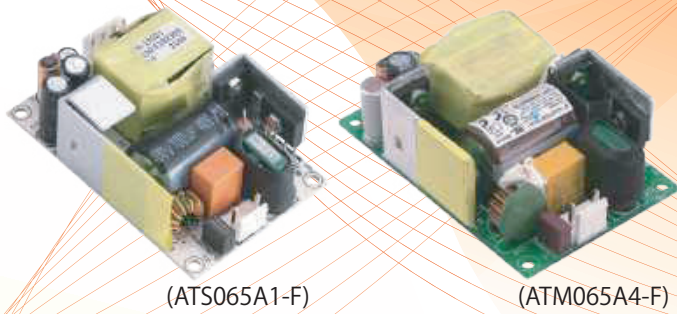




(ATS065A1-F)

(ATM065A4-F)

Open Frame Power Supply 65 Watt Small Size Series

ATS065A1 - F X X X

Q / P Voltage ←

ATM065A4 - F X X X

Q / P Voltage ←

Features :

- IEC/UL 62368-1 3rd Edition
- Meet IEC 60335-1
- 100-240VAC Universal Input
- Regulated Output With Low Ripple Noise
- Modified and Custom Design Available
- 1 Year Warranty

I.T.E. Version			
Model	O/P Voltage	O/P Current	Watt
ATS065A1-F050	5.0V	10.00A	50W
ATS065A1-F090	9.0V	7.20A	65W
ATS065A1-F120	12.0V	5.42A	65W
ATS065A1-F150	15.0V	4.34A	65W
ATS065A1-F190	19.0V	3.43A	65W
ATS065A1-F240	24.0V	2.71A	65W
ATS065A1-F480	48.0V	1.36A	65W

Features :

- IEC/EN/ANSI/AAMI ES60601-1 (Edition 3.2)
- EMC : IEC60601-1-2 (Edition 4.1)
- Means of Protection: 2 X MOPP
- IEC/UL 62368-1 3rd Edition
- Meet IEC 60335-1
- 100-240VAC Universal Input
- Regulated Output With Low Ripple Noise
- Modified and Custom Design Available
- 2 Years Warranty

Medical Version			
Model	O/P Voltage	O/P Current	Watt
ATM065A4-F050	5.0V	10.00A	50W
ATM065A4-F090	9.0V	7.00A	63W
ATM065A4-F120	12.0V	5.42A	65W
ATM065A4-F150	15.0V	4.34A	65W
ATM065A4-F190	19.0V	3.43A	65W
ATM065A4-F240	24.0V	2.71A	65W
ATM065A4-F480	48.0V	1.36A	65W

Derating Curve

See next page

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	ATS065A1 : 1.6A Max. ATM065A4 : 0.17-0.5A
Protection	Internal Primary Current Fuse

Output	
Load Regulation	±5% (Typical)
Ripple & Noise	≤ 1% Vp-p @ Full Load
Transient(Dynamic) Response	0.5mS for 50% Load Change Typical
Start-up Time	< 3,000mS
Hold-up Time	≥ 10mS@ Full Load
Rise Time	< 50mS
Protection	Short Circuit Protection / Over Voltage Protection / Over Current Protection

Electrical	
Topology	Switching Flyback
Dielectric Withstand (for I.T.E.)	3,000VAC Primary - Secondary
Dielectric Withstand (for Medical)	4,000VAC Primary - Secondary
Leakage Current (for I.T.E.)	< 0.25mA
Touch Current(Patient) Leakage Current	< 100µA
Efficiency	Meet DoE Level VI, ErP Stage 2
MTBF	300,000 Calculated Hours at 25°C , by Telcordia SR-332

Environmental	
Operating Temperature	-20 to + 50°C
Storage Temperature	-20 to + 80°C
Operating Altitude	ATS065A1-F : 5,000M ATM065A4-F : 3,000M
Relative Humidity	Operating : 20 to 80% RH Storage : 10 to 90% RH
Cooling	Natural Convection Cooling

Mechanical	
Dimension	L 76 × W 51 × H 24 (mm) 3" x 2" x 1.1"
Weight	100g (Ref.)