

NEW

I.T.E.



50 Watt Series

Desktop Type

ATS050A1 - □ X X X

A : C8
G : C6
P : C14

O / P Voltage



Features :

- IEC/EN/UL 62368-1 3rd Edition
- 100-240VAC Universal Input
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS050A1-□090	9.0V	5.00A	45W
ATS050A1-□120	12.0V	4.20A	50W
ATS050A1-□150	15.0V	3.34A	50W
ATS050A1-□180	18.0V	2.78A	50W
ATS050A1-□190	19.0V	2.64A	50W
ATS050A1-□240	24.0V	2.10A	50W
ATS050A1-□480	48.0V	1.05A	50W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.2A Max.
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C6,C8,C14

Output

Load Regulation	±5% (Typical)
Ripple & Noise	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 @ 3Pin
Efficiency	DoE Level VI, ErP Stage 2
EMC Standards	EN55032
	EN61000-3-2,3
	EN55035
MTBF	300,000 Calculated Hours at 25°C , by Telcordia SR-332

Environmental

Operating Temperature	-20 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

Case Dimension	L115 x W48.5 x H31.6 (mm)
Weight	210g (Ref.)



NEW

I.T.E.



65 Watt Series

Desktop Type

ATS065A1 - □ X X X

A : C8
G : C6
P : C14

O / P Voltage



- Features :**
- IEC/EN/UL 62368-1 3rd Edition
 - 100-240VAC Universal Input
 - Regulated Output With Low Ripple Noise
 - Safety Agency Requirements and EMI/EMS Certified
 - Modified and Custom Design Available
 - 1 Year Warranty

Output	
Load Regulation	±5% (Typical)
Ripple & Noise	1% 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

Model	O/P Voltage	O/P Current	Watt
ATS065A1-□120	12.0V	5.00A	60W
ATS065A1-□150	15.0V	4.34A	65W
ATS065A1-□160	16.0V	4.07A	65W
ATS065A1-□180	18.0V	3.62A	65W
ATS065A1-□190	19.0V	3.43A	65W
ATS065A1-□240	24.0V	2.71A	65W
ATS065A1-□480	48.0V	1.36A	65W
ATS065A1-□560	56.0V	1.17A	65W

Electrical	
Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	0.25mA @ 2Pin / 3.5mA @ 3Pin
Efficiency	DoE Level VI, ErP Stage 2
EMC Standards	EN55032
	EN61000-3-2,3
	EN55035
MTBF	300,000 Calculated Hours at 25°C , by Telcordia SR-332

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.4A Max.
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C6,C8,C14

Environmental	
Operating Temperature	-20 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	
Case Dimension	L115 x W48.5 x H31.6 (mm)
Weight	220g (Ref.)

NEW

I.T.E.



90 Watt Series

Desktop Type

ATS090A1 - □ X X X

G : C6
P : C14

O / P Voltage



Features :

- IEC/EN/UL 62368-1 3rd Edition
- 100-240VAC Universal Input
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS090A1-□120	12.0V	7.50A	90W
ATS090A1-□150	15.0V	6.00A	90W
ATS090A1-□160	16.0V	5.63A	90W
ATS090A1-□180	18.0V	5.00A	90W
ATS090A1-□190	19.0V	4.74A	90W
ATS090A1-□240	24.0V	3.75A	90W
ATS090A1-□480	48.0V	1.88A	90W
ATS090A1-□560	56.0V	1.60A	90W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.2A Max.
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C6,C14

Output

Load Regulation	±5% (Typical)
Ripple & Noise	1% 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	LLC
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	3.5mA @ 3Pin
Efficiency	DoE Level VI, ErP Stage 2
EMC Standards	EN55032
	EN61000-3-2,3
	EN55035
MTBF	300,000 Calculated Hours at 25°C, by Telcordia SR-332

Environmental

Operating Temperature	-20 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

Case Dimension	L 133.5 x W 53.5 x H 33 (mm)
Weight	330g (Ref.)

NEW

I.T.E.



120 Watt Series

Desktop Type

ATS120A1 - P X X X

P : C6 / C14 ← → O / P Voltage



Features :

- IEC/EN/UL 62368-1 3rd Edition
- 100-240VAC Universal Input
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS120A1-P120	12.0V	9.00A	108W
ATS120A1-P150	15.0V	8.00A	120W
ATS120A1-P160	16.0V	7.50A	120W
ATS120A1-P190	19.0V	6.30A	120W
ATS120A1-P240	24.0V	5.00A	120W
ATS120A1-P480	48.0V	2.50A	120W
ATS120A1-P560	56.0V	2.14A	120W

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.6A Max.
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C6, C14

Output	
Load Regulation	±5% (Typical)
Ripple & Noise	1% 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 / Over Temperature Protection

Electrical	
Topology	LLC
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	3.5mA @ 3Pin
Efficiency	DoE Level VI, ErP Stage 2
EMC Standards	EN55032
	EN61000-3-2,3
	EN55035
MTBF	300,000 Calculated Hours at 25°C , by Telcordia SR-332

Environmental	
Operating Temperature	-20 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	
Case Dimension	L 140.5 × W 60 × H 35 (mm)
Weight	390g (Ref.)





160 Watt Series

Desktop Type

ATS160A1 - □ X X X

G : C6 ← P : C14 → O / P Voltage

Features :

- IEC/EN/UL 62368-1 3rd Edition
- 100-240VAC Universal Input
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS160A1-□120	12.0V	12.50A	150W
ATS160A1-□150	15.0V	10.00A	150W
ATS160A1-□190	19.0V	8.40A	160W
ATS160A1-□240	24.0V	6.60A	160W
ATS160A1-□480	48.0V	3.30A	160W
ATS160A1-□560	56.0V	2.86A	160W

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	2.2A Max.
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C6, C14

Output	
Load Regulation	±5% (Typical)
Ripple & Noise	1% 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 / Over Temperature Protection

Electrical	
Topology	LLC
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	3.5mA @ 3Pin
Efficiency	DoE Level VI, ErP Stage 2
EMC Standards	EN55032
	EN61000-3-2,3
	EN55035
MTBF	300,000 Calculated Hours at 25°C , by Telcordia SR-332

Environmental	
Operating Temperature	-20 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	
Case Dimension	L 164.5 × W 66 × H 34.8 (mm)
Weight	500g (Ref.)



JET



R33154 RoHS

RoHS

NEW

I.T.E.

200 Watt Series

Desktop Type



ATS200A1 - □ X X X

G : C6 ← P : C14 → O / P Voltage

- Features :**
- IEC/EN/UL 62368-1 3rd Edition
 - 100-240VAC Universal Input
 - Regulated Output With Low Ripple Noise
 - Safety Agency Requirements and EMI/EMS Certified
 - Modified and Custom Design Available
 - 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS200A1-□120	12.0V	16.00A	192W
ATS200A1-□190	19.0V	10.50A	200W
ATS200A1-□240	24.0V	8.30A	200W
ATS200A1-□480	48.0V	4.17A	200W
ATS200A1-□560	56.0V	3.58A	200W

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	2.4 A Max.
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C6, C14

Output	
Load Regulation	±5% (Typical)
Ripple & Noise	1% 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 / Over Temperature Protection

Electrical	
Topology	LLC
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	3.5mA @ 3Pin
Efficiency	DoE Level VI, ErP Stage 2
EMC Standards	EN55032
	EN61000-3-2,3
	EN55035
MTBF	300,000 Calculated Hours at 25°C , by Telcordia SR-332

Environmental	
Operating Temperature	-20 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	
Case Dimension	L 175.2 × W 74 × H 42 (mm)
Weight	738g (Ref.)



RoHS

NEW

I.T.E.



240 Watt Series

Desktop Type

ATS240A1 - P X X X

P : C14 ← → O / P Voltage



Features :

- IEC/EN/UL 62368-1 3rd Edition
- 100-240 VAC Universal Input
- Regulated Output with Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS240A1-P120	12.0V	20.00A	240W
ATS240A1-P190	19.0V	12.63A	240W
ATS240A1-P240	24.0V	10.00A	240W
ATS240A1-P480	48.0V	5.00A	240W
ATS240A1-P560	56.0V	4.28A	240W

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	3.3A Max.
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C14

Output	
Load Regulation	±5% (Typical)
Ripple & Noise	1% 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 / Over Temperature Protection

Electrical	
Topology	LLC
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	3.5mA @ 3Pin
Efficiency	DoE Level VI, ErP Stage 2
EMC Standards	EN55032
	EN61000-3-2,3
	EN55035
MTBF	300,000 Calculated Hours at 25°C , by Telcordia SR-332

Environmental	
Operating Temperature	-20 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	
Case Dimension	L 183.2 x W 81 x H 42.3 (mm)
Weight	860g (Ref.)



RoHS

NEW

I.T.E.



300 Watt Series

Desktop Type

ATS300A1 - P X X X

P : C14 ← → O / P Voltage



Features :

- IEC/EN/UL 62368-1 3rd Edition
- 100-240VAC Universal Input
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS300A1-P120	12.0V	24.00A	288W
ATS300A1-P190	19.0V	15.79A	300W
ATS300A1-P240	24.0V	12.50A	300W
ATS300A1-P480	48.0V	6.25A	300W
ATS300A1-P560	56.0V	5.36A	300W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	3.5A Max.
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C14

Output

Load Regulation	±5% (Typical)
Ripple & Noise	1% 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 / Over Temperature Protection

Electrical

Topology	LLC
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	3.5mA @ 3Pin
Efficiency	DoE Level VI
EMC Standards	EN55032
	EN61000-3-2,3
	EN55035
MTBF	300,000 Calculated Hours at 25°C , by Telcordia SR-332

Environmental

Operating Temperature	-20 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

Case Dimension	L 204 x W 94 x H 43.5 (mm)
Weight	1110g (Ref.)