



5 Watt Series

Level VI

Wall Mount Type

USA / Japan / Taiwan / Europe / UK / Australia

ATS005T - W X X X □

O / P Voltage

U : US Plug / JP Plug
E : EU Plug
B : UK Plug
A : AU Plug

Green Mode

CEC, DoE Level VI, Energy Star, ErP Stage 2, NRCAN & GEMS Level VI
NO Load Power Consumption Less Than 0.1W

Features :

- 100-240VAC Universal Input
- Single Output to 5W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS005T-W033□	3.3V	1.50A	4.95W
ATS005T-W050□	5.0V	1.00A	5.00W
ATS005T-W051□	5.0V	1.50A	7.50W
ATS005T-W060□	5.9V	1.20A	7.08W
ATS005T-W075□	7.5V	1.00A	7.50W
ATS005T-W090□	9.0V	0.67A	6.03W
ATS005T-W120□	12.0V	0.60A	7.20W
ATS005T-W150□	15.0V	0.50A	7.50W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	0.19A Max.
Protection	Internal Primary Current Fuse , Inrush Limiting
Configuration	U for US Plug / JP Plug E for EU Plug B for UK Plug A for AU Plug

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
DC Cord	22AWG / 20AWG / 18AWG
Ferrite Core	Yes

Safety Approvals

For USA - CB / UL / cUL / FCC / PSE / BSMI / LPS

For Europe & UK - CB / CE / LPS

For Australia - CB / RCM / LPS

Electrical

Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	0.25mA
Efficiency	DoE Level VI, Energy Star, ErP Stage 2, NRCAN & GEMS Level VI Certified
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to IEC61000-4-2,3,4,5,6,8,11
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

Case Dimension	U - L 59 × W 43 × H 25 (mm) E - L 52 × W 28 × H 60 (mm) B - L 51 × W 49 × H 48 (mm) A - L 52 × W 41 × H 50 (mm)
Weight	U : 82g E : 96g B : 100g A : 94g (Ref.)





12 Watt Series

Wall Mount Type

USA / Japan / Taiwan / Europe / UK / Australia / China

ATS012T - W X X X □

O / P Voltage

U : US Plug / JP Plug
E : EU Plug
B : UK Plug
A : AU Plug
C : CN Plug

Green Mode

CEC, DoE Level VI, Energy Star, ErP Stage 2, NRCan
NO Load Power Consumption Less Than 0.1W

Features :

- 100-240VAC Universal Input
- Single Output to 12W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS012T-W033□	3.3V	2.00A	6.60W
ATS012T-W050□	5.0V	2.00A	10.00W
ATS012T-W051□	5.0V	2.50A	12.50W
ATS012T-W060□	5.9V	2.00A	11.80W
ATS012T-W084□	8.4V	1.30A	10.92W
ATS012T-W090□	9.0V	1.20A	10.80W
ATS012T-W120□	12.0V	1.00A	12.00W
ATS012T-W135□	13.5V	0.89A	12.00W
ATS012T-W150□	15.0V	0.80A	12.00W
ATS012T-W180□	18.0V	0.67A	12.00W
ATS012T-W240□	24.0V	0.50A	12.00W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	0.31A Max.
Protection	Internal Primary Current Fuse , Inrush Limiting
Configuration	U for US Plug / JP Plug E for EU Plug B for UK Plug A for AU Plug C for CN Plug

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
DC Cord	22AWG / 20AWG / 18AWG
Ferrite Core	Yes

Safety Approvals

For USA- CB / UL / cUL / FCC / PSE / BSMI / LPS

For Europe & UK - CB / CE / LPS

For China - CB / CCC / LPS

For Australia - CB / RCM / LPS

Electrical

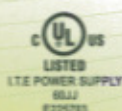
Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	0.25mA
Efficiency	DoE Level VI, Energy Star, ErP Stage 2, NRCan Certified
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to IEC61000-4-2,3,4,5,6,8,11
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

Case Dimension	U - L 72 × W 34 × H 59 (mm) E - L 72 × W 34 × H 80 (mm) B - L 72 × W 50 × H 72 (mm) C - L 72 × W 34 × H 58 (mm) A - L 72 × W 34 × H 51 (mm)
Weight	U : 126g B : 130g E : 128g C : 126g (Ref.) A : 126g





18 Watt Series

Level VI

Wall Mount Type
USA / Japan / Taiwan / Europe / UK / Australia /
China / AC Plug Changeable

ATS018T - W X X X □

O / P Voltage

U : US Plug / JP Plug
E : EU Plug
B : UK Plug
A : AU Plug
C : CN Plug
V : Changeable Plug

Green Mode

CEC , DoE Level VI , Energy Star , ErP Stage 2 , NRCan &
GEMS Level VI
NO Load Power Consumption Less Than 0.1W

Features :

- 100-240VAC Universal Input
- Single Output to 18W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS018T-W050□	5.0V	3.0A	15.00W
ATS018T-W060□	5.9V	2.5A	14.75W
ATS018T-W061□	5.9V	3.0A	17.70W
ATS018T-W070□	7.0V	2.5A	17.50W
ATS018T-W075□	7.5V	2.5A	18.75W
ATS018T-W090□	9.0V	2.2A	19.80W
ATS018T-W100□	10.0V	1.9A	19.00W
ATS018T-W110□	11.0V	1.6A	17.60W
ATS018T-W120□	12.0V	1.6A	19.20W
ATS018T-W150□	15.0V	1.3A	19.50W
ATS018T-W160□	16.0V	1.2A	19.20W
ATS018T-W180□	18.0V	1.1A	19.80W
ATS018T-W240□	24.0V	0.8A	19.20W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	0.48A Max.
Protection	Internal Primary Current Fuse , Inrush Limiting
Configuration	U for US Plug / JP Plug E for EU Plug B for UK Plug A for AU Plug C for CN Plug V for Changeable Plug

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
DC Cord	22AWG / 20AWG / 18AWG
Ferrite Core	No (Optional)

Safety Approvals

For USA- CB / UL / cUL / FCC / PSE / BSMI / LPS
For Europe & UK - CB / CE / LPS
For Australia - CB / RCM / LPS
For China - CB / CCC / LPS

Electrical

Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	0.25mA
Efficiency	DoE Level VI, Energy Star, ErP Stage 2, NRCan & GEMS Level VI Certified
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to IEC61000-4-2,3,4,5,6,8,11
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

Case Dimension	U & C - L 72 x W 34 x H 69 (mm) E - H 72 x W 34 x H 90 (mm) B - L 72 x W 50 x H 81 (mm) A - L 72 x W 40 x H 78 (mm) V - L 78 x W 52 x H 41 (mm)
Weight	U : 148g A : 150g E : 154g C : 148g V : 158g (Ref.) B : 158g



18 Watt - Series

Level VI

Desktop Type



ATS018T - □ X X X

P : C6 / C14 O / P Voltage
A : C8

Green Mode

CEC, DoE Level VI, Energy Star, ErP Stage 2, NRCAN & GEMS Level VI
NO Load Power Consumption Less Than 0.1W

Features :

- 100-240VAC Universal Input
- Single Output to 18W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS018T-□050	5.0V	3.0A	15.00W
ATS018T-□060	5.9V	2.5A	14.75W
ATS018T-□061	5.9V	3.0A	17.70W
ATS018T-□070	7.0V	2.5A	17.50W
ATS018T-□075	7.5V	2.5A	18.75W
ATS018T-□090	9.0V	2.2A	19.80W
ATS018T-□100	10.0V	1.9A	19.00W
ATS018T-□110	11.0V	1.6A	17.60W
ATS018T-□120	12.0V	1.6A	19.20W
ATS018T-□150	15.0V	1.3A	19.50W
ATS018T-□160	16.0V	1.2A	19.20W
ATS018T-□180	18.0V	1.1A	19.80W
ATS018T-□240	24.0V	0.8A	19.20W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	0.48A Max.
Protection	Internal Primary Current Fuse , Inrush Limiting
Configuration	IEC60320/C6,C8,C14

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
DC Cord	22AWG / 20AWG / 18AWG
Ferrite Core	No (Optional)

Safety Approvals

CB / UL / cUL / FCC / GS / CE / PSE / BSMI / CCC / RCM / LPS

Electrical

Topology	Switching Flyback
Dielectric Withstand	3,000 VAC Primary - Secondary
Leakage Current	0.25mA
Efficiency	DoE Level VI, Energy Star, ErP Stage 2, NRCAN & GEMS Level VI Certified
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11
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

Case Dimension	P : L100 x W50 x H33 (mm) A : L88 x W50 x H34 (mm)
Weight	144g (Ref.)



24 Watt Series

Wall Mount Type
USA / Japan / Taiwan / Europe / UK / Australia /
China / AC Plug Changeable

Level VI

ATS024T - W X X X □

O / P Voltage

U : US Plug / JP Plug
E : EU Plug
B : UK Plug
A : AU Plug
C : CN Plug
V : Changeable Plug

Green Mode

CEC , DoE Level VI , Energy Star , ErP Stage 2 , NRCan & GEMS Level VI

NO Load Power Consumption Less Than 0.1W

Features :

- 100-240VAC Universal Input
- Single Output to 24W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS024T-W050□	5.0V	4.0A	20.00W
ATS024T-W060□	5.9V	3.5A	20.65W
ATS024T-W061□	5.9V	4.0A	23.60W
ATS024T-W070□	7.0V	3.0A	21.00W
ATS024T-W075□	7.5V	3.0A	22.50W
ATS024T-W090□	9.0V	2.5A	22.50W
ATS024T-W120□	12.0V	2.0A	24.00W
ATS024T-W150□	15.0V	1.6A	24.00W
ATS024T-W240□	24.0V	1.0A	24.00W
ATS024T-W480□	48.0V	0.5A	24.00W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	0.58A Max.
Protection	Internal Primary Current Fuse , Inrush Limiting
Configuration	U for US Plug / JP Plug A for AU Plug E for EU Plug C for CN Plug B for UK Plug V for Changeable Plug

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
DC Cord	22AWG / 20AWG / 18AWG / 16AWG
Ferrite Core	No (Optional)

Safety Approvals

For USA- CB / UL / cUL / FCC / PSE / BSMI / LPS

For Europe & UK - CB / CE / LPS

For Australia - CB / RCM / LPS

For China - CB / CCC / LPS

Electrical

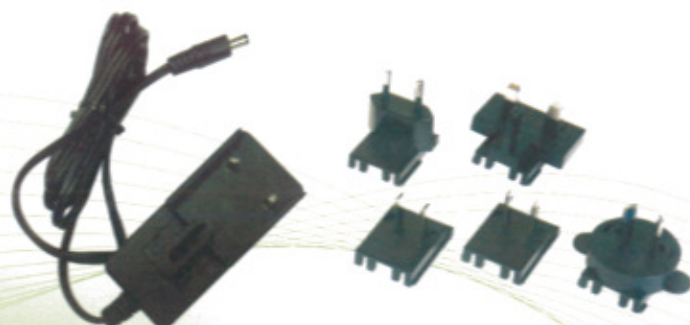
Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	0.25mA
Efficiency	DoE Level VI, Energy Star, ErP Stage 2, NRCan & GEMS Level VI Certified
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to IEC61000-4-2,3,4,5,6,8,11
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

Case Dimension	U & C - L 72 x W 34 x H 69 (mm) E - H 72 x W 34 x H 90 (mm) B - L 72 x W 50 x H 81 (mm) A - L 72 x W 40 x H 78 (mm) V - L 78 x W 52 x H 41 (mm)
Weight	U : 148g A : 150g E : 154g C : 148g J : 148g V : 158g (Ref.) B : 158g





24 Watt Series

Desktop Type

Level VI



ATS024T - □ X X X

P : C6 / C14 ← O / P Voltage
A : C8

Green Mode

CEC, DoE Level VI, Energy Star, ErP Stage 2, NRCAN & GEMS Level VI
NO Load Power Consumption Less Than 0.1W

Features :

- 100-240VAC Universal Input
- Single Output to 24W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS024T-□050	5.0V	4.0A	20.00W
ATS024T-□060	5.9V	3.5A	20.65W
ATS024T-□061	5.9V	4.0A	23.60W
ATS024T-□070	7.0V	3.0A	21.00W
ATS024T-□075	7.5V	3.0A	22.50W
ATS024T-□090	9.0V	2.5A	22.50W
ATS024T-□120	12.0V	2.0A	24.00W
ATS024T-□150	15.0V	1.6A	24.00W
ATS024T-□240	24.0V	1.0A	24.00W
ATS024T-□480	48.0V	0.5A	24.00W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	0.58A Max.
Protection	Internal Primary Current Fuse , Inrush Limiting
Configuration	IEC60320/C6,C8,C14

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
DC Cord	22AWG / 20AWG / 18AWG / 16AWG
Ferrite Core	No (Optional)

Safety Approvals

CB / UL / cUL / FCC / GS / CE / PSE / BSMI / CCC / RCM / LPS

Electrical

Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	0.25mA
Efficiency	DoE Level VI, Energy Star, ErP Stage 2, NRCAN & GEMS Level VI Certified
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to IEC61000-4-2,3,4,5,6,8,11
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

Case Dimension	P : L100 x W50 x H33 (mm) A : L88 x W50 x H34 (mm)
Weight	166g (Ref.)



R33154

RoHS



35 Watt Dual Output

Desktop Type

Green Mode

DoE Level VI

NO Load Power Consumption Less Than 0.3W

Features :

- 100-240VAC Universal Input
- Dual Output
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

NO.	Model	O/P Voltage	O/P Current	Watt
1	STD-1253-1	5V	2.0A	35W
		12V	2.1A	

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1A
Protection	Internal Primary Current Fuse, Inrush Limiting
Configuration	IEC60320/C8

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 / Over Temperature Protection
DC Cord	20AWG
Ferrite Core	No (Optional)

Safety Approvals

UL / cUL / FCC / CE / PSE

Electrical

Topology	Switching
Dielectric Withstand	3,000VAC Primary - Secondary
Leakage Current	0.25mA
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,-3
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11
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

Case Dimension	L 95 × W 58 × H 34 (mm) (Ref.)
Weight	242 g (Ref.)



36 Watt Series

Level VI

Wall Mount Type
USA / Japan / Taiwan / Europe / UK / Australia /
AC Plug Changeable

ATS036T - W X X X □

O / P Voltage

U : US Plug / JP Plug
E : EU Plug
B : UK Plug
A : AU Plug
C : CN Plug
V : Changeable Plug

Green Mode

CEC, DoE Level VI, Energy Star, ErP Stage 2, NRCAN & GEMS Level VI

NO Load Power Consumption Less Than 0.1W

Features :

- 100-240VAC Universal Input
- Single Output to 36W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS036T-W050□	5.0V	5.00A	25.00W
ATS036T-W075□	7.5V	4.00A	30.00W
ATS036T-W085□	8.5V	3.52A	30.00W
ATS036T-W090□	9.0V	3.34A	30.00W
ATS036T-W120□	12.0V	3.00A	36.00W
ATS036T-W135□	13.5V	2.66A	36.00W
ATS036T-W150□	15.0V	2.40A	36.00W
ATS036T-W160□	16.0V	2.25A	36.00W
ATS036T-W180□	18.0V	2.00A	36.00W
ATS036T-W240□	24.0V	1.50A	36.00W
ATS036T-W480□	48.0V	0.75A	36.00W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.00A Max.
Protection	Internal Primary Current Fuse , Inrush Limiting
Configuration	U for US Plug / JP Plug B for UK Plug
	E for EU Plug A for AU Plug
	C for CN Plug
	V for Changeable Plug

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
DC Cord	22AWG / 20AWG / 18AWG / 16AWG
Ferrite Core	No (Optional)

Safety Approvals

For USA- CB / UL / cUL / FCC / PSE / BSMI / LPS

For Europe & UK - CB / CE / LPS

For Australia - CB / RCM / LPS

Electrical

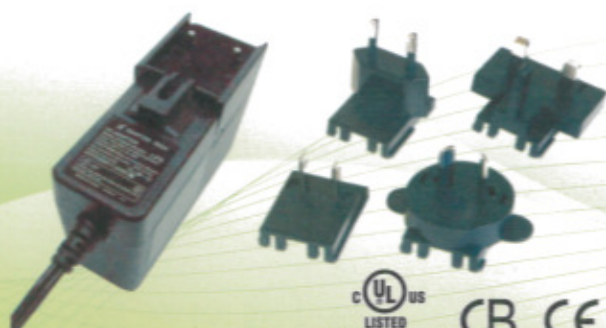
Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	0.25mA
Efficiency	DoE Level VI, Energy Star, ErP Stage 2, NRCAN & GEMS Level VI Certified
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to IEC61000-4-2,3,4,5,6,8,11
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

Case Dimension	U - L 79 x W 34 xH 74 (mm)
	E - L 79 x W 34 xH 94 (mm)
	B - L 79 x W 49 xH 86 (mm)
	A - L 79 x W 41 xH 82 (mm)
	V - L 79 x W 34 xH 66 (mm)
Weight	160g (Ref.)



R33154 RoHS



36 Watt Series

Desktop Type

Level VI

ATS036T - □ X X X

P : C14
A : C8

← O / P Voltage



Green Mode

CEC, DoE Level VI, Energy Star, ErP Stage 2, NRCAN & GEMS Level VI

NO Load Power Consumption Less Than 0.1W

Features :

- 100-240VAC Universal Input
- Single Output to 36W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS036T-□050	5.0V	5.00A	25.0W
ATS036T-□075	7.5V	4.00A	30.0W
ATS036T-□085	8.5V	3.52A	30.0W
ATS036T-□090	9.0V	3.34A	30.0W
ATS036T-□120	12.0V	3.00A	36.0W
ATS036T-□135	13.5V	2.66A	36.0W
ATS036T-□150	15.0V	2.40A	36.0W
ATS036T-□160	16.0V	2.25A	36.0W
ATS036T-□180	18.0V	2.00A	36.0W
ATS036T-□240	24.0V	1.50A	36.0W
ATS036T-□480	48.0V	0.75A	36.0W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1A Max.
Protection	Internal Primary Current Fuse , Inrush Limiting
Configuration	IEC60320/C8,C14

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
DC Cord	22AWG / 20AWG / 18AWG / 16AWG
Ferrite Core	No (Optional)

Safety Approvals

CB / UL / cUL / FCC / GS / CE / PSE / BSMI / CCC / RCM / LPS

Electrical

Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	0.25mA
Efficiency	DoE Level VI, Energy Star, ErP Stage 2, NRCAN & GEMS Level VI Certified
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to IEC61000-4-2,3,4,5,6,8,11
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

Case Dimension	L101 x W51 x H34 (mm)
Weight	160g (Ref.)



50 Watt Series

Desktop Type

Level VI

ATS050T - ☐ X X X

P : C6 / C14 → O / P Voltage
A : C8

Green Mode

CEC, DoE Level VI, Energy Star, ErP Stage 2, NRCan & GEMS Level VI
NO Load Power Consumption Less Than 0.21W

Features :

- 100-240VAC Universal Input
- Single Output to 50W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS050T-P050	5.0V	10.00A	50W
ATS050T-□090	9.0V	4.00A	36W
ATS050T-□091	9.0V	5.00A	45W
ATS050T-□120	12.0V	3.30A	40W
ATS050T-□121	12.0V	4.20A	50W
ATS050T-□135	13.5V	3.71A	50W
ATS050T-□150	15.0V	3.34A	50W
ATS050T-□180	18.0V	2.78A	50W
ATS050T-□190	19.0V	2.64A	50W
ATS050T-□240	24.0V	2.10A	50W
ATS050T-□480	48.0V	1.05A	50W

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



ATS050T-P050

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
DC Cord	20AWG / 18AWG / 16AWG
Ferrite Core	Yes

Safety Approvals

CB / UL / cUL / FCC / GS / CE / BSMI / CCC / RCM / LPS
CB / UL / cUL / FCC / GS / CE / PSE for ATS050T-P050

Electrical

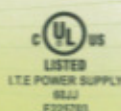
Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	0.25mA @ 2Pin / 3.5mA @ 3 Pin
Efficiency	DoE Level VI, Energy Star, ErP Stage 2, NRCan & GEMS Level VI Certified
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to IEC61000-4-2,3,4,5,6,8,11
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

Case Dimension	L115 x W53 x H38 (mm) L139 x W61 x H36 (mm) (ATS050T-P050)
Weight	278g (Ref.) 332g (ATS050T-P050)





65 Watt Series

Desktop Type

Level VI

Green Mode

CEC, DoE Level VI, Energy Star, ErP Stage 2, NRCan & GEMS Level VI
NO Load Power Consumption Less Than 0.21W

Features :

- 100-240VAC Universal Input
- Single Output to 72W Max.
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS065T-□120	12.0V	5.00A	60W
ATS065T-□135	13.5V	4.82A	65W
ATS065T-□150	15.0V	4.34A	65W
ATS065T-□160	16.0V	4.07A	65W
ATS065T-□180	18.0V	3.62A	65W
ATS065T-□190	19.0V	3.43A	65W
ATS065T-□200	20.0V	3.25A	65W
ATS065T-□240	24.0V	2.71A	65W
ATS072T-□240	24.0V	3.00A	72W
ATS065T-□241	24.0V	2.71A	65W
ATS065T-□300	30.0V	2.17A	65W
ATS065T-□320	32.0V	2.04A	65W
ATS065T-□321	32.0V	2.04A	65W
ATS065T-□480	48.0V	1.36A	65W
ATS065T-□560	56.0V	1.17A	65W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.4A Max. for 65W / 1.6A Max. for 72W
Protection	Internal Primary Current Fuse , Inrush Limiting
Configuration	IEC60320/C6,C8,C14

ATS065T - □ X X X

P : C6 / C14

A : C8

O / P Voltage

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
DC Cord	20AWG / 18AWG / 16AWG
Ferrite Core	Yes

Safety Approvals

CB / UL / cUL / FCC / GS / CE / PSE / BSMI / CCC / RCM / LPS

Electrical

Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	0.25mA @ 2Pin / 3.5mA @ 3 Pin
Efficiency	DoE Level VI, Energy Star, ErP Stage 2, NRCan & GEMS Level VI Certified
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to IEC61000-4-2,3,4,5,6,8,11
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

Case Dimension	L115 x W53 x H38 (mm)
Weight	310g (Ref.)



65 Watt Series

Small Size Desktop Type

Level VI

Green Mode

CEC , DoE Level VI , Energy Star , ErP Stage 2 , NRCan
NO Load Power Consumption Less Than 0.21W

Features :

- Smaller size of 108 x 46 x 32mm
- 100-240VAC Universal Input
- Single Output to 65W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS065S-P150	15.0V	4.34A	65W
ATS065S-P160	16.0V	4.07A	65W
ATS065S-P180	18.0V	3.62A	65W
ATS065S-P185	18.5V	3.52A	65W
ATS065S-P190	19.0V	3.43A	65W
ATS065S-P200	20.0V	3.25A	65W
ATS065S-P240	24.0V	2.71A	65W

Input

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

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
DC Cord	18AWG / 16AWG
Ferrite Core	No(Optional)

ATS065S - P X X X

P : C6 ← → O / P Voltage

Safety Approvals

CB / UL / cUL / FCC / GS / CE / PSE / BSMI / LPS

Electrical

Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	3.5mA @ 3 Pin
Efficiency	DoE Level VI , Energy Star , ErP Stage 2 & NRCan Certified
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to IEC61000-4-2,3,4,5,6,8,11
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

Case Dimension	L 108 x W 46 x H 32 (mm)
Weight	248 g (Ref.)





90 Watt Series

Desktop Type

Level VI

ATS090 - P X X X

P : C6 / C14 ← → O / P Voltage

Green Mode

CEC, DoE Level VI, Energy Star, ErP Stage 2, NRCan & GEMS Level VI
NO Load Power Consumption Less Than 0.21W

Features :

- 100-240VAC Universal Input
- Single Output to 90W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS090-P120	12V	7.00A	84W
ATS090-P150	15V	6.00A	90W
ATS090-P160	16V	5.63A	90W
ATS090-P180	18V	5.00A	90W
ATS090-P190	19V	4.74A	90W
ATS090-P200	20V	4.50A	90W
ATS090-P240	24V	3.75A	90W
ATS090-P300	30V	3.00A	90W
ATS090-P480	48V	1.88A	90W

Input

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

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
DC Cord	20AWG / 18AWG / 16AWG
Ferrite Core	Yes

Safety Approvals

CB / UL / cUL / FCC / GS / CE / PSE / BSMI / CCC / RCM / LPS

Electrical

Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	3.5mA @ 3 Pin
Efficiency	DoE Level VI, Energy Star, ErP Stage 2, NRCan & GEMS Level VI Certified
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to IEC61000-4-2,3,4,5,6,8,11
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

Case Dimension	C6 - L 139 × W 61 × H 36 (mm) C14 - L 151 × W 64 × H 36 (mm)
Weight	460 g (Ref.)



90 Watt Series

Small Size Desktop Type

Level VI

STD - XXXX◇◇

O/P Voltage

O/P Current

Green Mode

CEC , DoE Level VI , Energy Star , ErP Stage 2 , NRCan
NO Load Power Consumption Less Than 0.21W

Features :

- Smaller size of 129 x 54 x 32mm
- 100-240VAC Universal Input
- Single Output to 90W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
STD-15060	15V	6.00A	90W
STD-16056	16V	5.60A	90W
STD-18050	18V	5.00A	90W
STD-19047	19V	4.74A	90W
STD-20045	20V	4.50A	90W
STD-24037	24V	3.75A	90W

Input

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

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
DC Cord	18AWG / 16AWG
Ferrite Core	Yes

Safety Approvals

CB / UL / cUL / FCC / GS / CE / PSE / BSMI / LPS

Electrical

Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	3.5mA @ 3Pin
Efficiency	DoE Level VI , Energy Star , ErP Stage 2 & NRCan Certified
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to IEC61000-4-2,3,4,5,6,8,11
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

Case Dimension	L 129 × W 54 × H 32 (mm)
Weight	340 g (Ref.)



120 Watt Series

Desktop Type

Level VI

STD - XXXX

O / P Voltage

O / P Current

Green Mode

CEC, DoE Level VI, Energy Star, ErP Stage 2, NRCAN & GEMS Level VI
NO Load Power Consumption Less Than 0.21W

Features :

- 100-240VAC Universal Input
- Single Output to 120W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
STD-12090	12V	9.00A	108W
STD-15080	15V	8.00A	120W
STD-16075	16V	7.50A	120W
STD-18066	18V	6.60A	120W
STD-19063	19V	6.30A	120W
STD-20060	20V	6.00A	120W
STD-24050(*)	24V	5.00A	120W
STD-30040	30V	4.00A	120W
STD-48025	48V	2.50A	120W
STD-56021	56V	2.14A	120W

Input

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

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 / Over Temperature Protection
DC Cord	18AWG/16AWG/14AWG
Ferrite Core	Yes

Safety Approvals

CB / UL / cUL / FCC / GS / CE / PSE / BSMI / RCM / CCC

(*) With KC mark

Electrical

Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	3.5mA @ 3 Pin
Efficiency	DoE Level VI, Energy Star, ErP Stage 2, NRCAN & GEMS Level VI Certified
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to IEC61000-4-2,3,4,5,6,8,11
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

Case Dimension	L 168 × W 66 × H 39 (mm) (Ref.)
Weight	590 g (Ref.)



160 Watt Series

Desktop Type

STD - XX ◇ ◇ ◇

O / P Voltage

O / P Current

Green Mode

CEC, Energy Star Level V, ErP Stage 2, NRCAN & GEMS
NO Load Power Consumption Less Than 0.5W

Features :

- 100-240VAC Universal Input
- Single Output to 160W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
STD-12125	12V	12.5A	150W
STD-19084	19V	8.4A	160W
STD-24066	24V	6.6A	160W
STD-48033	48V	3.3A	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	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 / Over Temperature Protection
DC Cord	UL 2464 / 16AWG
Ferrite Core	No (Optional)

Safety Approvals

CB / UL / cUL / FCC / GS / CE / PSE / BSMI / RCM / CCC

Electrical

Topology	LLC
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	3.5mA @ 3Pin
Efficiency	Energy Star Level V, ErP Stage 2, NRCAN & GEMS Certified
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to IEC61000-4-2,3,4,5,6,8,11
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

Case Dimension	L 175 × W 74 × H 42 (mm) (Ref.)
Weight	700 g (Ref.)



200 Watt Series

Desktop Type

Green Mode

CEC, Energy Star Level V, ErP Stage 2, NRCan & GEMS
NO Load Power Consumption Less Than 0.5W

Features :

- 100-240 VAC Universal Input
- Single Output to 200W
- Regulated Output with Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

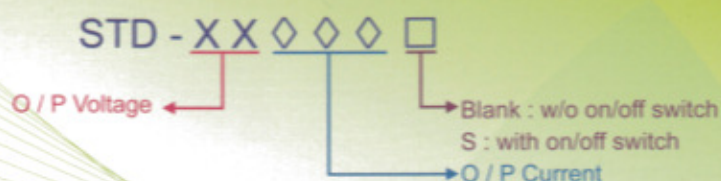
Model	O/P Voltage	O/P Current	Watt
STD-12160□	12.0V	16.0A	192W
STD-13140	13.5V	14.0A	189W
STD-18110□	18.0V	11.0A	200W
STD-19105□	19.0V	10.5A	200W
STD-20100□	20.0V	10.0A	200W
STD-24083□	24.0V	8.3A	200W
STD-48042	48.0V	4.2A	200W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	2.8A Max.
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C14

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 / Over Temperature Protection
DC Cord	UL 2464 / 16AWG
Ferrite Core	No (Optional)



Safety Approvals

CB / UL / cUL / FCC / GS / CE / PSE / BSMI / CCC / RCM

Electrical

Topology	LLC
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	3.5mA @ 3Pin
Efficiency	Energy Star Level V, ErP Stage 2, NRCan & GEMS Certified
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to IEC61000-4-2,3,4,5,6,8,11
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

Case Dimension	L 183 × W 81 × H 42 (mm) L 203 × W 81 × H 42 (mm)-Switch type
Weight	850g (Ref.)

NEW

Level VI

250 Watt Series

Desktop Type



ATS250T - P X X X

P : C14

O / P Voltage

Green Mode

CEC, DoE Level VI, Energy Star, ErP Stage 2, NRCan
NO Load Power Consumption Less Than 0.21W

Features :

- 100-240VAC Universal Input
- Single Output to 250W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

Safety Approvals

CB / UL / cUL / FCC / GS / CE / PSE / BSMI

Electrical

Topology	LLC
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	3.5mA @ 3Pin
Efficiency	DoE Level VI, Energy Star, ErP Stage 2 & NRCan Certified
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to IEC61000-4-2,3,4,5,6,8,11
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

Model	O/P Voltage	O/P Current	Watt
ATS250T-P120	12.0V	20.00A	240.0W
ATS250T-P150	15.0V	16.66A	250.0W
ATS250T-P190	19.0V	13.15A	250.0W
ATS250T-P240	24.0V	10.42A	250.0W
ATS250T-P480	48.0V	5.21A	250.0W
ATS250T-P560	56.0V	4.46A	250.0W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	3A Max.
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C14

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 / Over Temperature Protection
DC Cord	UL 2464 / 16AWG
Ferrite Core	No (Optional)



R33154 RoHS



12 Watt Medical Series

Wall Mount Type
USA / Europe / UK

ATM012 - W X X X □

O/P Voltage ←

→ U : US Plug
E : EU Plug
B : UK Plug

Green Mode

Meet CEC, Energy Star Level VI, ErP Stage 2, NRCan & GEMS NO Load Power Consumption Less 0.1W

Features :

- ANSI/AAMI/IEC/EN ES60601-1:2005 (60601 3rd edition)
- IEC 60950 approval
- Means of Protection: 2 X MOPP
- Touch Current : < 100μA
- 100-240VAC Universal Input
- Single Output to 12W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 2 Years Warranty

Model	O/P Voltage	O/P Current	Watt
ATM012-W050□	5.0V	2.00A	10.00W
ATM012-W060□	5.9V	1.70A	10.00W
ATM012-W075□	7.5V	1.33A	10.00W
ATM012-W090□	9.0V	1.12A	10.00W
ATM012-W120□	12.0V	1.00A	12.00W
ATM012-W150□	15.0V	0.80A	12.00W
ATM012-W180□	18.0V	0.67A	12.00W
ATM012-W240□	24.0V	0.50A	12.00W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	0.31A-0.17A
Protection	Internal Primary Current Fuse , Inrush Limiting
Configuration	U for US Plug
	E for EU Plug
	B for UK Plug

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
DC Cord	22AWG / 20AWG / 18AWG
Ferrite Core	Yes

Safety Approvals

For USA - UL / cUL / FCC

For Europe & UK - CE

Electrical

Topology	Switching Flyback
Dielectric Withstand	4000VAC Primary - Secondary
Touch Current	< 100μA
Efficiency	Energy Star Level V, ErP Stage 2, NRCan & GEMS Certified
EMI Conduction & Radiation	Compliance to EN55011 Class B
Harmonic Current	Compliance to EN61000-3-2, 3
EMS Immunity	Compliance to IEC60601-1-2
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



20 Watt Medical Series

Wall Mount Type
USA / Europe / UK

ATM020 - W X X X □

O/P Voltage

U : US Plug
E : EU Plug
B : UK Plug

Green Mode

Meet CEC, Energy Star Level VI, ErP Stage 2, NRCan & GEMS NO Load Power Consumption Less 0.1W

Features :

- ANSI/AAMI/IEC/EN ES60601-1:2005 (60601 3rd edition)
- IEC 60950 approval
- Means of Protection: 2 X MOPP
- Touch Current : < 100µA
- 100 - 240VAC Universal Input
- Single Output to 20W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 2 Years Warranty

Model	O/P Voltage	O/P Current	Watt
ATM020-W050□	5.0V	3.50A	17.50W
ATM020-W060□	5.9V	3.00A	17.70W
ATM020-W090□	9.0V	2.22A	20.00W
ATM020-W120□	12.0V	1.67A	20.00W
ATM020-W150□	15.0V	1.33A	20.00W
ATM020-W180□	18.0V	1.11A	20.00W
ATM020-W240□	24.0V	0.83A	20.00W
ATM020-W480□	48.0V	0.42A	20.00W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	0.45A-0.3A
Protection	Internal Primary Current Fuse , Inrush Limiting
Configuration	U for US Plug
	E for EU Plug
	B for UK Plug

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
DC Cord	22AWG / 20AWG / 18AWG
Ferrite Core	Yes

Safety Approvals

For USA- UL / cUL / FCC

For Europe & UK - CE

Electrical

Topology	Switching Flyback
Dielectric Withstand	4000VAC Primary - Secondary
Touch Current	< 100µA
Efficiency	Energy Star Level V, ErP Stage 2, NRCan & GEMS Certified
EMI Conduction & Radiation	Compliance to EN55011 Class B
Harmonic Current	Compliance to EN61000-3-2, 3
EMS Immunity	Compliance to IEC60601-1-2
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



30 Watt Medical Series

Desktop Type

ATM030 - □ X X X

P : C6 / C14

A : C8 / C18

O / P Voltage

Green Mode

Meet CEC , Energy Star Level V , ErP Stage 2
NO Load Power Consumption Less Than 0.3W

Features :

- ANSI/AAMI/IEC/EN ES60601-1:2005 (60601 3rd edition)
- IEC 60950 approval
- Means of Protection: 2 X MOPP
- Touch Current: < 100μA
- 100-240VAC Universal Input
- Single Output to 30W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 2 Years Warranty

Model	O/P Voltage	O/P Current	Watt
ATM030-□050	5.0V	4.00A	20W
ATM030-□051	5.0V	5.00A	25W
ATM030-□075	7.5V	4.00A	30W
ATM030-□090	9.0V	3.34A	30W
ATM030-□120	12.0V	2.50A	30W
ATM030-□150	15.0V	2.00A	30W
ATM030-□180	18.0V	1.67A	30W
ATM030-□240	24.0V	1.25A	30W
ATM030-□360	36.0V	0.84A	30W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	0.7A-0.45A
Protection	Internal Primary Current Fuse , Inrush Limiting
Configuration	IEC60320/C6, C8, C14, C18

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
DC Cord	20AWG / 18AWG / 16AWG
Ferrite Core	Yes

Safety Approvals

CB / UL / cUL / FCC / CE / T-mark(TUV) / PSE

Electrical

Topology	Switching Flyback
Dielectric Withstand	4000VAC Primary - Secondary
Touch Current	< 100μA
Efficiency	Energy Star Level V , ErP Stage 2 Certified
EMI Conduction & Radiation	Compliance to EN55011 Class B
Harmonic Current	Compliance to EN61000-3-2, 3
EMS Immunity	Compliance to IEC60601-1-2
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

Case Dimension	L 100 × W 50 × H 33 (mm) (Ref.)
Weight	210 g (Ref.)



65 Watt Medical Series

Desktop Type

ATM065 - □ X X X

P : C6 / C14 ← O / P Voltage
A : C8 / C18

Green Mode

Meet CEC , Energy Star Level V , ErP Stage 2
NO Load Power Consumption Less Than 0.5W

Features :

- ANSI/AAMI/IEC/EN ES60601-1:2005 (60601 3rd edition)
- IEC 60950 approval
- Means of Protection: 2 X MOPP
- Touch Current : < 100μA
- 100-240VAC Universal Input
- Single Output to 65W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 2 Years Warranty

Model	O/P Voltage	O/P Current	Watt
ATM065-□120	12V	5.00A	60 W
ATM065-□150	15V	4.34A	65 W
ATM065-□180	18V	3.62A	65 W
ATM065-□190	19V	3.43A	65 W
ATM065-□240	24V	2.71A	65 W
ATM065-□360	36V	1.81A	65 W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.6A-0.7A
Protection	Internal Primary Current Fuse , Inrush Limiting
Configuration	IEC60320/C6, C8, C14, C18

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
DC Cord	18AWG / 16AWG
Ferrite Core	Yes

Safety Approvals

CB / UL / cUL / FCC / CE / T-mark(TUV) / PSE
BSMI: CLASS I / RCM: CLASS II

Electrical

Topology	Switching Flyback
Dielectric Withstand	4000VAC Primary - Secondary
Touch Current	< 100μA
Efficiency	Energy Star Level V , ErP Stage 2 Certified
EMI Conduction & Radiation	Compliance to EN55011 Class B
Harmonic Current	Compliance to EN61000-3-2, 3
EMS Immunity	Compliance to IEC60601-1-2
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

Case Dimension	L 119 × W 60 × H 36 (mm) (Ref.)
Weight	350 g (Ref.)



90 Watt Medical Series

Desktop Type

ATM090 - □ X X X

P : C6 / C14 ← O / P Voltage
A : C8 / C18

Green Mode

Meet CEC , Energy Star Level V , ErP Stage 2
NO Load Power Consumption Less Than 0.5W

Features :

- ANSI/AAMI/IEC/EN ES60601-1:2005 (60601 3rd edition)
- IEC 60950 approval
- Means of Protection: 2 X MOPP
- Touch Current : < 100μA
- 100-240VAC Universal Input
- Single Output to 90W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 2 Years Warranty

Model	O/P Voltage	O/P Current	Watt
ATM090-□120	12V	7.50A	90W
ATM090-□150	15V	6.00A	90W
ATM090-□190	19V	4.74A	90W
ATM090-□240	24V	3.75A	90W
ATM090-□360	36V	2.50A	90W
ATM090-□480	48V	1.88A	90W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.2A-0.5A
Protection	Internal Primary Current Fuse , Inrush Limiting
Configuration	IEC60320/C6,C8,C14, C18

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 / Over Temperature Protection
DC Cord	18AWG / 16AWG
Ferrite Core	Yes

Safety Approvals

CB / UL / cUL / FCC / CE / T-mark(TUV) / PSE

Electrical

Topology	Switching Flyback
Dielectric Withstand	4000VAC Primary - Secondary
Touch Current	< 100μA
Efficiency	Energy Star Level V , ErP Stage 2 Certified
EMI Conduction & Radiation	Compliance to EN55011 Class B
Harmonic Current	Compliance to EN61000-3-2, 3
EMS Immunity	Compliance to IEC60601-1-2
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

Case Dimension	L 168 × W 66 × H 39 (mm) (Ref.)
Weight	600 g (Ref.)



120 Watt Medical Series

Desktop Type

ATM120 - □ X X X

P : C6 / C14 O / P Voltage
A : C8 / C18

Green Mode

Meet CEC , Energy Star Level V , ErP Stage 2
NO Load Power Consumption Less Than 0.5W

Features :

- ANSI/AAMI/IEC/EN ES60601-1:2005 (60601 3rd edition)
- IEC 60950 approval
- Means of Protection: 2 X MOPP
- Touch Current : < 100µA
- 100-240VAC Universal Input
- Single Output to 120W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 2 Years Warranty

Model	O/P Voltage	O/P Current	Watt
ATM120-□120	12V	10.00A	120W
ATM120-□150	15V	8.00A	120W
ATM120-□180	18V	6.60A	120W
ATM120-□190	19V	6.32A	120W
ATM120-□240	24V	5.00A	120W
ATM120-□360	36V	3.34A	120W
ATM120-□480	48V	2.50A	120W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.4A-0.5A
Protection	Internal Primary Current Fuse , Inrush Limiting
Configuration	IEC60320/C6, C8, C14, C18

Output

Load Regulation	±5% (Typical)
Ripple	1 ~ 2% Vp-p Max.
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
DC Cord	16AWG
Ferrite Core	Yes

Safety Approvals

CB / UL / cUL / FCC / CE / T-mark(TUV) / PSE

Electrical

Topology	LLC
Dielectric Withstand	4000VAC Primary - Secondary
Touch Current	< 100µA
Efficiency	Energy Star Level V , ErP Stage 2 Certified
EMI Conduction & Radiation	Compliance to EN55011 Class B
Harmonic Current	Compliance to EN61000-3-2, 3
EMS Immunity	Compliance to IEC60601-1-2
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

Case Dimension	L 175 × W 74 × H 42 (mm) (Ref.)
Weight	700g (Ref.)



160 Watt Medical Series

Desktop Type

ATM160 - P X X X

P : C6 / C14 ← → O / P Voltage



Green Mode

Meet CEC , Energy Star Level V , ErP Stage 2
NO Load Power Consumption Less Than 0.5W

Features :

- ANSI/AAMI/IEC/EN ES60601-1:2005 (60601 3rd edition)
- IEC 60950 approval
- Means of Protection: 2 X MOPP
- Touch Current : < 100µA
- 100-240VAC Universal Input
- Single Output to 160W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 2 Years Warranty

Model	O/P Voltage	O/P Current	Watt
ATM160-P120	12V	12.5A	150W
ATM160-P190	19V	8.4A	160W
ATM160-P240	24V	6.6A	160W
ATM160-P480	48V	3.3A	160W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.8A-0.9A
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C6, C14

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 / Over Temperature Protection
DC Cord	16AWG
Ferrite Core	NO(Optional)

Safety Approvals

CB / UL / cUL / FCC / CE / T-mark(TUV) / PSE

Electrical

Topology	LLC
Dielectric Withstand	4000VAC Primary - Secondary
Touch Current	< 100µA
Efficiency	Energy Star Level V , ErP Stage 2 Certified
EMI Conduction & Radiation	Compliance to EN55011 Class B
Harmonic Current	Compliance to EN61000-3-2
EMS Immunity	Compliance to IEC60601-1-2
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

Case Dimension	L 183 × W 81 × H 42 (mm) (Ref.)
Weight	820 g (Ref.)

200 Watt Medical Series

Desktop Type

ATM200 - P X X X

P : C6 / C14 ← → O / P Voltage

Green Mode

Meet CEC , Energy Star Level V , ErP Stage 2
NO Load Power Consumption Less Than 0.5W

Features :

- ANSI/AAMI/IEC/EN ES60601-1:2005 (60601 3rd edition)
- IEC 60950 approval
- Means of Protection: 2 X MOPP
- Touch Current : < 100μA
- 100-240VAC Universal Input
- Single Output to 200W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 2 Years Warranty

Model	O/P Voltage	O/P Current	Watt
ATM200-P120	12.0V	16.00A	192.00W
ATM200-P180	18.0V	11.00A	198.00W
ATM200-P190	19.0V	10.50A	199.50W
ATM200-P240	24.0V	8.30A	199.20W
ATM200-P480	48.0V	4.17A	200.16W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	2.5A-0.9A
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C6, C14

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 / Over Temperature Protection
DC Cord	16AWG
Ferrite Core	NO(Optional)

Safety Approvals

CB / UL / cUL / FCC / CE / T-mark(TUV) / PSE

Electrical

Topology	LLC
Dielectric Withstand	4000VAC Primary - Secondary
Touch Current	< 100μA
Efficiency	Energy Star Level V , ErP Stage 2 Certified
EMI Conduction & Radiation	Compliance to EN55011 Class B
Harmonic Current	Compliance to EN61000-3-2
EMS Immunity	Compliance to IEC60601-1-2
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

Case Dimension	L 204 × W 81 × H 42.5 (mm) (Ref.)
Weight	880 g (Ref.)