

12 Watt Series

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

ATM012A4 - W X X X V

O / P Voltage ← V : Changeable Plug

ATM012T - W X X X □ □

O / P Voltage

U : US Plug

E : EU Plug

B : UK Plug

A : AU Plug

V : Changeable Plug

Blank : with DC cord
U : with USB port



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
- 2 Years Warranty

Model	O/P Voltage	O/P Current	Watt
ATM012T-W033□	3.3V	2.00A	6.60W
ATM012T-W050□□	5.0V	2.00A	10.00W
ATM012T-W051□	5.0V	3.00A	15.00W
ATM012T-W060□	5.9V	2.00A	11.80W
ATM012T-W062□	6.2V	2.00A	12.40W
ATM012T-W090□	9.0V	1.20A	10.80W
ATM012T-W120□	12.0V	1.00A	12.00W
ATM012T-W150□	15.0V	0.80A	12.00W
ATM012T-W180□	18.0V	0.67A	12.06W
ATM012T-W240□	24.0V	0.50A	12.00W
Model	O/P Voltage	O/P Current	Watt
ATM012A4-W050V	5.00V	2.00A	10.00W
ATM012A4-W051V	5.00V	3.00A	15.00W
ATM012A4-W052V	5.10V	2.40A	12.24W
ATM012A4-W062V	6.20V	2.00A	12.40W
ATM012A4-W090V	9.00V	1.33A	11.97W
ATM012A4-W120V	12.00V	1.00A	12.00W
ATM012A4-W240V	24.00V	0.50A	12.00W

Input

Voltage	100-240VAC	
Line Frequency	50-60Hz	
Current	ATM012T : 0.32A Max. ; ATM012A4 : 0.5A Max.	
Protection	Internal Primary Current Fuse	
Configuration	U for US Plug	B for UK Plug
	E for EU Plug	A for AU Plug
	V for Changeable Plug	

Derating Curve

See P.38

Output

Load Regulation	±5% (Typical)
Ripple & Noise	≤ 2% Vp-p @ Full Load
Transient (Dynamic) Response	0.5mS with 50% Load Change
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	4,000VAC Primary - Secondary
Touch Current (Patient) Leakage Current	< 100μA
Efficiency	DoE Level VI, ErP Stage 2, CoC Tier 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
Operating Altitude	5,000M
Relative Humidity	Operating : 20 to 80% RH
	Storage : 10 to 90% RH
Cooling	Natural Convection Cooling

Mechanical

Case Dimension (ATM012T)	U - L 80.2 × W 46 × H 57.5(mm)
	E - L 80.2 × W 46 × H 68.7(mm)
	B - L 80.2 × W 49.6 × H 62.7(mm)
	A - L 80.2 × W 56 × H 57.5(mm)
	V - L 80.2 × W 46 × H 40.5(mm)
Case Dimension (ATM012A4)	L 59 × W 46 × H 40.5(mm)
Weight (ATM012T)	U : 140g E : 145g B : 148g
	A : 144g V : 140g(Ref.)
Weight(ATM012A4)	116g(Ref.)