

Level VI

CoC Tier 2



## 40 Watt Series

Small Size Desktop Type

uA42 - 10XX YY



### Green Mode

CEC, DoE Level VI, Energy Star, ErP Stage 2, CoC Tier 2  
No Load Power Consumption Less Than 0.075W

### Features :

- 100-240VAC Universal Input
- Single Output to 40W
- 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
uA42-1012	12.0V	3.30A	40W
uA42-1015	15.0V	2.67A	40W
uA42-1019	19.0V	2.10A	40W
uA42-1020	20.0V	2.00A	40W
uA42-1024	24.0V	1.67A	40W
uA42-1048	48.0V	1.00A	48W

### Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1A Max. ATS048T-A480 : 1.2A Max
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C6,C8,C14

### Output

Load Regulation	±5% ( Typical )
Ripple	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 / LPS

### Electrical

Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	Class I : 3.5mA Class II : 0.25mA
Efficiency	DoE Level VI, Energy Star, ErP Stage 2, CoC Tier 2 & GEMS Level VI Certified
EMI Conduction & Radiation	Compliance to IEC55032 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 99 x W 33 x H 50 (mm)
Weight	200g (Ref.)

