



## 65 Watt Series

Desktop Type

ATS065A1 - □ X X X

A : C8  
G : C6  
P : C14

→ O / P Voltage

### Features :

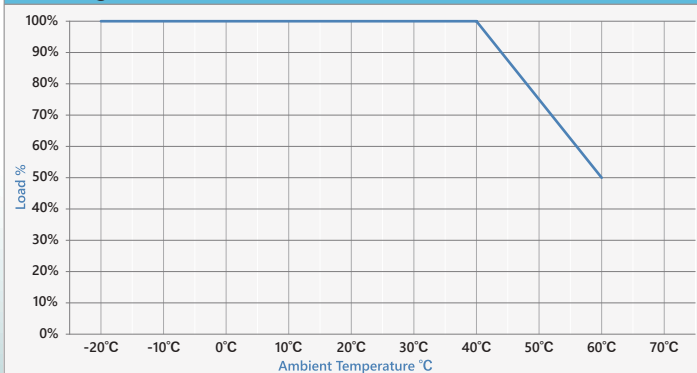
- IEC/EN/UL 62368-1 3rd Edition
- 100-240VAC Universal Input
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Modified and Custom Design Available
- 1 Year Warranty

| 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  |

### Input

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

### Derating Curve



### 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 | 3,000VAC Primary - Secondary                           |
| Leakage Current      | < 0.25mA @ 2Pin / < 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              |
| Operating Altitude    | 2,000M                     |
| Relative Humidity     | Operating : 20 to 80% RH   |
|                       | Storage : 10 to 90% RH     |
| Cooling               | Natural Convection Cooling |

### Mechanical

|                |                           |
|----------------|---------------------------|
| Case Dimension | L115 x W48.5 x H32.1 (mm) |
| Weight         | 220g (Ref.)               |