



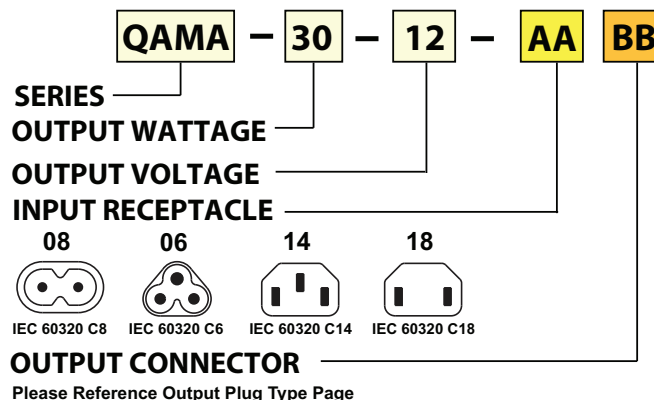
**Features:**

- Universal AC input/ Full Range
- Energy Efficiency Level V
- ErP Step 2 Compliant
- ANSI/AAMI/IEC/EN ES60601-1:2005 (60601 3rd Edition)
- Output Protections: OVP/SCP/OCB
- No Load Power Consumption <0.3W
- 1 Year Warranty

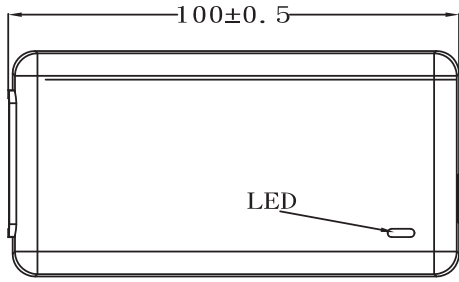


| Model                                | QAMA-30-5                                      | QAMA-30-7.5 | QAMA-30-9 | QAMA-30-12 | QAMA-30-15 | QAMA-30-18 | QAMA-30-24 |
|--------------------------------------|--|-------------|-----------|------------|------------|------------|------------|
| <b>Output Characteristics</b>        |  |             |           |            |            |            |            |
| DC Output                            | 5V   | 7.5V        | 9V        | 12V        | 15V        | 18V        | 24V        |
| Rated Current                        | 4.00A  | 4.00A       | 3.34A     | 2.50A      | 2.00A      | 1.67A      | 1.25A      |
| Ripple and Noise                     | ±2% Vo @ Rated Load                            |             |           |            |            |            |            |
| Load Regulation (Typ.)               | ±5%  |             |           |            |            |            |            |
| Transient Response (Typ.)            | 0.5mS for 50% Load Change                      |             |           |            |            |            |            |
| Hold-up Time (Typ.)                  | 10mS @ Rated Load                              |             |           |            |            |            |            |
| Output Protection                    | Short Circuit, Over Voltage, Over Current      |             |           |            |            |            |            |
| Ferrite Core                         | Yes  |             |           |            |            |            |            |
| <b>Input Characteristics</b>         |  |             |           |            |            |            |            |
| Voltage Range                        | 100VAC~240VAC                                  |             |           |            |            |            |            |
| Frequency Range                      | 50Hz-60Hz                                      |             |           |            |            |            |            |
| Efficiency                           | Energy Star Level V, ErP Step 2                |             |           |            |            |            |            |
| AC Current (max)                     | 0.7A   |             |           |            |            |            |            |
| Input Protection                     | Internal Primary Current Fuse, Inrush Limiting |             |           |            |            |            |            |
| Leakage Current                      | 0.25mA (2 Conductor), 0.5mA (3 Conductor)      |             |           |            |            |            |            |
| <b>Environmental Characteristics</b> |  |             |           |            |            |            |            |
| Operating Temperature                | 0°C~40°C                                       |             |           |            |            |            |            |
| Operating Relative Humidity          | 20% RH to 80% RH                               |             |           |            |            |            |            |
| Storage Temperature                  | -20°C~80°C, 10% RH to 90% RH                   |             |           |            |            |            |            |
| Topology                             | Switching Flyback                              |             |           |            |            |            |            |
| Dielectric Withstand                 | 4000VAC Primary-Secondary                      |             |           |            |            |            |            |
| EMI Conduction & Radiation           | Compliance to EN55011 Class B                  |             |           |            |            |            |            |
| Harmonic Current                     | Compliance to EN61000-3-2, 3                   |             |           |            |            |            |            |
| EMS Immunity                         | EN60601-1-2                                    |             |           |            |            |            |            |
| <b>Characteristics</b>               |  |             |           |            |            |            |            |
| MTBF                                 | 300,000Hrs (25°C, Telecordia SR-332)           |             |           |            |            |            |            |
| Dimension (LxWxH)                    | 100x50x34mm                                    |             |           |            |            |            |            |
| Weight                               | 210g   |             |           |            |            |            |            |

**PART NUMBER SYSTEM**

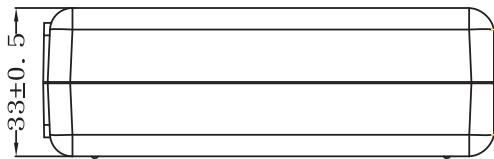


## MECHANICAL SPECIFICATIONS

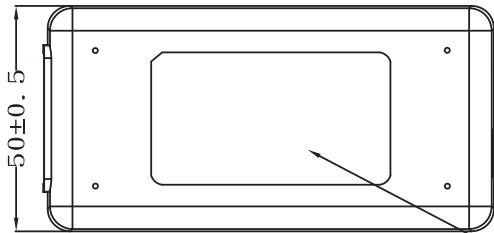
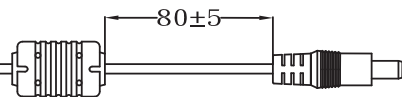


TOP VIEW

UL1185 16AWG for 5 ~ 7.5V  
 UL1185 18AWG for 9 ~ 12V  
 UL1185 20AWG for 15 ~ 24V



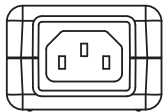
SIDE VIEW



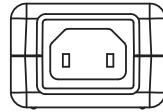
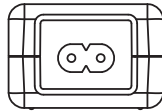
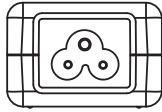
BOTTOM VIEW

Label

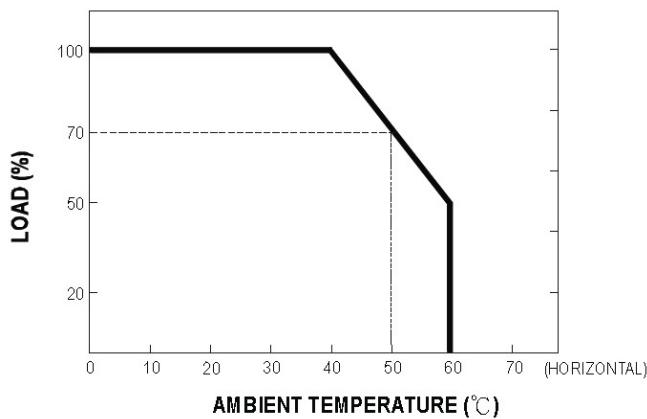
1500±30



FRONT-VIEW



## DERATING CURVE



UNIT: mm