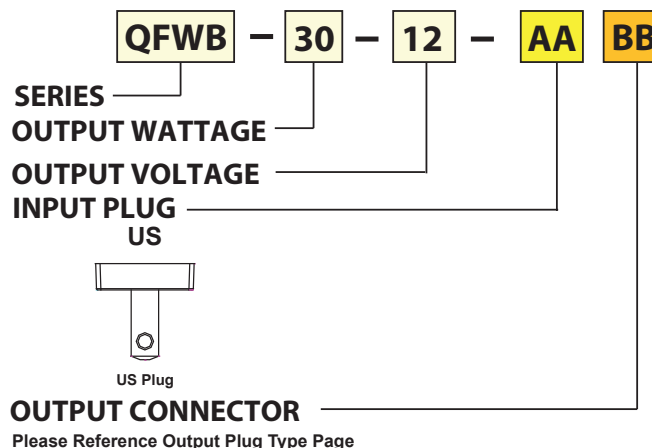


**Features:**

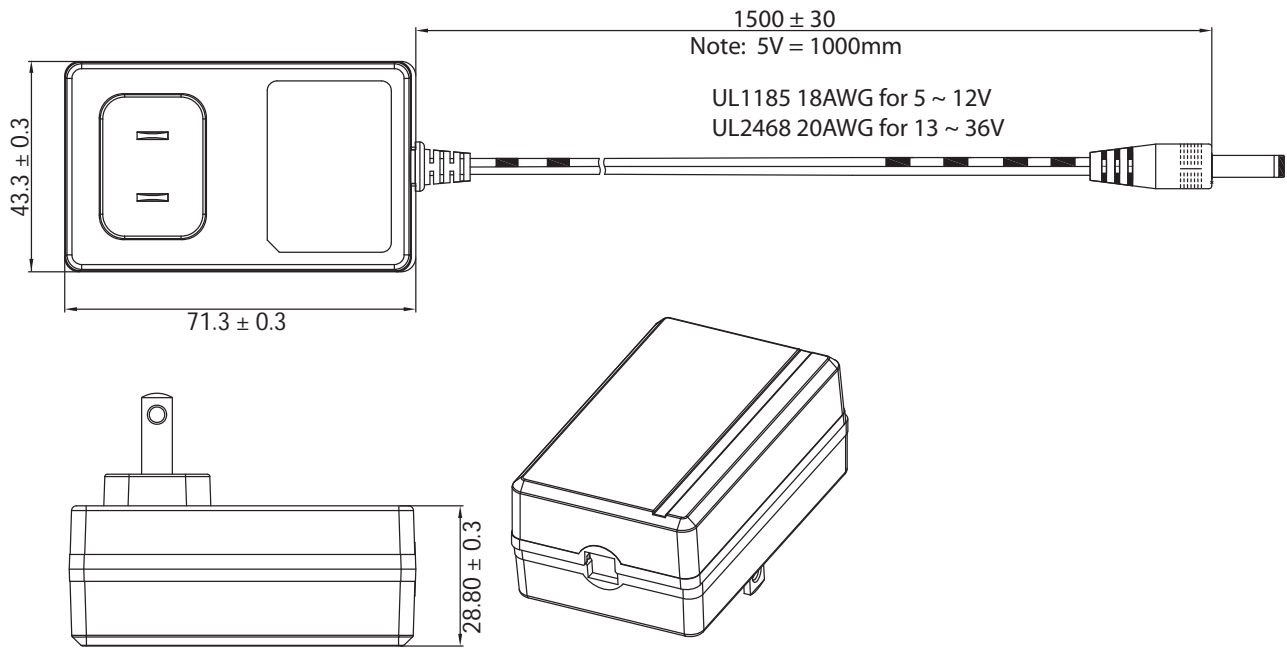
- Universal AC input/ Full Range
- Energy Efficiency Level VI
- Output Protections: SCP/OCPP
- No Load Power Consumption <0.1W
- 1 Year Warranty



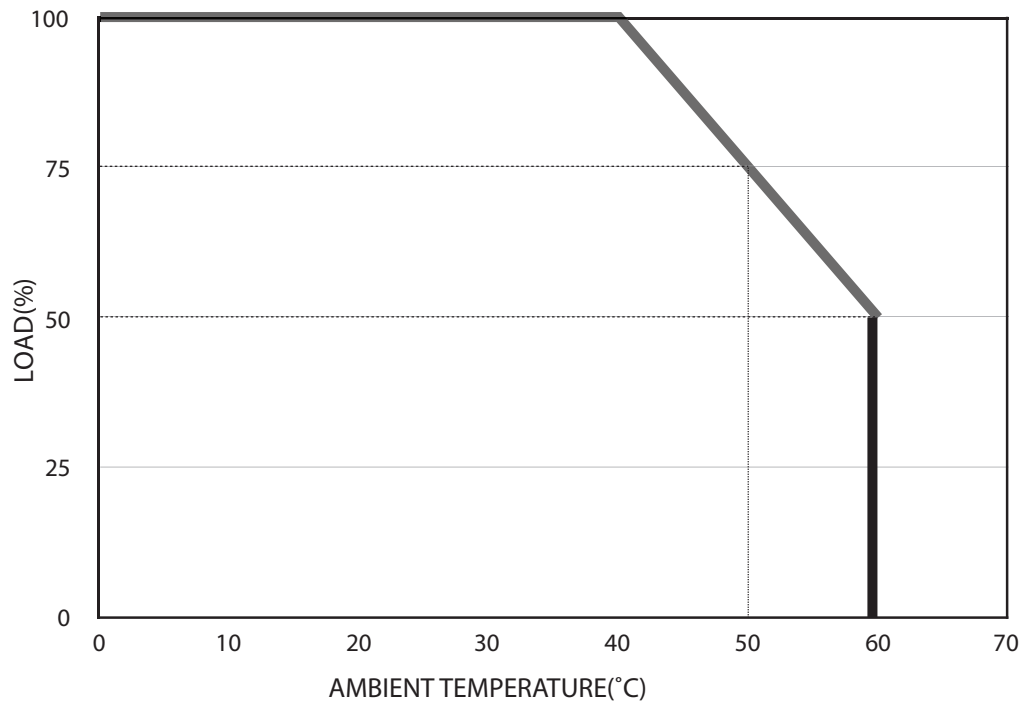
| Model                         | QFWB-30-5  | QFWB-30-5.9 | QFWB-30-7 | QFWB-30-8 | QFWB-30-9 | QFWB-30-10 | QFWB-30-12 | QFWB-30-15 | QFWB-30-18 | QFWB-30-24 | QFWB-30-36 |
|-------------------------------|--|-------------|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|
| Output Characteristics        |  |             |           |           |           |            |            |            |            |            |            |
| DC Output                     | 5V   | 5.9V        | 7V        | 8V        | 9V        | 10V        | 12V        | 15V        | 18V        | 24V        | 36V        |
| Rated Current                 | 3.50A  | 3.50A       | 3.00A     | 3.00A     | 3.30A     | 3.00A      | 2.50A      | 2.00A      | 1.66A      | 1.25A      | 0.83A      |
| Ripple and Noise              | 200mV Max  |             |           |           |           |            |            |            |            |            |            |
| Load Regulation (Typ.)        | ±5%  |             |           |           |           |            |            |            |            |            |            |
| Turn On Delay                 | 3S Max   |             |           |           |           |            |            |            |            |            |            |
| Hold-up Time (Typ.)           | 10mS @ Rated Load 115VAC, 20mS @ Rated Load 230VAC |             |           |           |           |            |            |            |            |            |            |
| Output Protection             | Short Circuit, Over Current                        |             |           |           |           |            |            |            |            |            |            |
| Ferrite Core                  | No   |             |           |           |           |            |            |            |            |            |            |
| Input Characteristics         |  |             |           |           |           |            |            |            |            |            |            |
| Voltage Range                 | 100VAC~240VAC                                      |             |           |           |           |            |            |            |            |            |            |
| Frequency Range               | 50Hz-60Hz  |             |           |           |           |            |            |            |            |            |            |
| Efficiency                    | DoE Level VI, Energy Star                          |             |           |           |           |            |            |            |            |            |            |
| AC Current (max)              | 0.8A   |             |           |           |           |            |            |            |            |            |            |
| Input Protection              | Internal Primary Current Fuse, Inrush Limiting     |             |           |           |           |            |            |            |            |            |            |
| Leakage Current               | 0.25mA @ 264VAC/50Hz                               |             |           |           |           |            |            |            |            |            |            |
| Environmental Characteristics |  |             |           |           |           |            |            |            |            |            |            |
| Operating Temperature         | 0°C~40°C   |             |           |           |           |            |            |            |            |            |            |
| Operating Relative Humidity   | 10% RH to 80% RH                                   |             |           |           |           |            |            |            |            |            |            |
| Storage Temperature           | -20°C~80°C, 5% RH to 95% RH                        |             |           |           |           |            |            |            |            |            |            |
| Topology                      | Switching Flyback                                  |             |           |           |           |            |            |            |            |            |            |
| Dielectric Withstand          | 3000VAC/10mA Primary-Secondary                     |             |           |           |           |            |            |            |            |            |            |
| EMI Conduction & Radiation    | Compliance to EN55022 Class B, FCC Part 15 Class B |             |           |           |           |            |            |            |            |            |            |
| Harmonic Current              | Compliance to EN61000-3-2, 3                       |             |           |           |           |            |            |            |            |            |            |
| EMS Immunity                  | Compliance to IEC61000-4-2, 3, 4, 5, 6, 8, 11      |             |           |           |           |            |            |            |            |            |            |
| Characteristics               |  |             |           |           |           |            |            |            |            |            |            |
| MTBF                          | 50,000Hrs (25°C, Telecordia SR-332)                |             |           |           |           |            |            |            |            |            |            |
| Dimension (LxWxH)             | 71.3x43.3x28.8mm                                   |             |           |           |           |            |            |            |            |            |            |
| Weight                        | 105g   |             |           |           |           |            |            |            |            |            |            |

**PART NUMBER SYSTEM**

## MECHANICAL SPECIFICATIONS



## DERATING CURVE



UNIT: mm

# Mouser Electronics

Authorized Distributor

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