



300W Single Output Switching Power Supply

EP-300W-12V

MPN: OMP-EP300PFC-12V



■ Features:

- * Constant Voltage
- * Variable AC input 90-277 VAC, Dual Output
- * IP68 construction with waterproof enclosure
- * Suitable for Dry, Damp and Wet Location
- * Protection: Short Circuit / Over Temp. / Over Voltage
- * Aluminum Case
- * 100% full load burn-in test
- * 5 years warranty
- * LLC current resonant technology with 92-96% efficiency, reduced size and increased reliability.



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|------------------|--------------------------|-----------------------------------|
| INPUT | VOLTAGE | AC90V - 277V |
| | AC CURRENT | 2.9A@115VAC, 1.4A@240VAC |
| | FREQUENCY | 50/60Hz |
| | INRUSH CURRENT | 50A |
| | POWER FACTOR | 0.95 min |
| | POWER FACTOR CORRECTION | Built-in PFC |
| | THD | 10% max |
| | EFFICIENCY | 92% |
| OUTPUT | VOLTAGE | 12VDC |
| | RATED CURRENT | 25A (15A Max/Output, Dual Output) |
| | LINE & LOAD REGULATION | +/-5% |
| | RIPPLE & NOISE(MAX) | 200mVp-p |
| | SETUP, RISING TIME | 1 SEC |
| PROTECTION | ENCLOSURE PROTECTION | IP68 |
| | CLASS | Class 1 |
| | SHORT CIRCUIT | Auto Restart |
| | OVER CURRENT | Auto Restart |
| ISOLATION | WITH STAND VOLTAGE | P-S3.75KV 10mA |
| | ISOLATION RESISTANCE | 500V 100MΩ |
| | ENVIRONMENT | WORKING TEMP. & HUMIDITY |
| ENVIRONMENT | STORAGE TEMP. & HUMIDITY | -4~167°F,, 5~95%RH |
| | OTHERS | EMI |
| SURGE | | L-N : ±2KV / L-F.G : ±4KV |
| DIMENSION (INCH) | | 9.6 x 2.6 x 1.7 |
| WEIGHT (LBS) | | 2.1 |
| CASE MATERIAL | | Aluminum |
| MOLDING MATERIAL | | Silicon |
| CERTIFICATE | | UL879 / UL8750 - UL E528990 |
| QTY/CTN | | 10 |

