

Constant Voltage Driver - D100CV12

12V DC 100W LED Power Supply



FEATURES

- Constant Voltage PSU
- 12V DC Output
- Weatherproof to IP67
- Input range from 100-240VAC
- Robust aluminium casing

DESCRIPTION

12 V DC Constant voltage LED power supply for use with constant voltage LED luminaires. Pending UL approval as a class 2 component (file No. E164062). Weather proof to IP67. This power supply incorporates Electronically resettable short circuit protection, Thermal Protection, and Overload Regulation.

Meets the following standards:

- Harmonics—EN61000-3-2
- ESD—IEC61000-4-2
- EMC Immunity—IEC61000-4-3
- Burst—IEC61000-4-4
- Surge—IEC61000-4-5
- Injected RF—IEC61000-4-6
- Mains Interruption—IEC61000-4-11
- Immunity— EN 61547/61047
- Safety— EN 61347-2-2
- SELV

| OUTPUT | | | |
|---------|----------------|------------|---|
| Load | Output Voltage | Efficiency | Output Connection Type |
| 1-100VA | 12VDC +/- 10% | 81% | Flying Lead (FEP 1.5mm ² 300V) |

| INPUT | | | | |
|---------------|-----------|----------------------|----------------------|-------------|
| Input Voltage | Frequency | Input Current (100V) | Input Current (240V) | Connection |
| 100-240VAC | 50/60Hz | 1.6A | 0.6A | Flying Lead |

| OPERATING DETAILS | | |
|-------------------|----------------------|--------------------|
| Maximum Case Temp | Ambient Temp Range | Ingress Protection |
| +90 Degrees C | -10 to +50 Degrees C | IP67 |

MECHANICAL DIMENSIONS

