

### TLM4036DC-1000

#### Description:

The TLM4036DC-1000 is a compact and lightweight Constant Current Switch Mode Power Supply. Waterproof design - IP66, NEMA 4 suitable for dry and damp locations. Convection cooled plastic housing. Some typical applications include LED's, Lighting, etc.

#### Specifications (@25C)

##### Electrical Specifications:

<b>Input Voltage:</b>	10-40Vdc
<b>Power Factor:</b>	>0.9 at full load, 115Vac
<b>Output*:</b>	1.00Adc±5%, Vout range: 2 to (Vin-2Vdc)
<b>Efficiency:</b>	90% Typical at full load
<b>Maximum power:</b>	26W
<b>Output Current Regulation:</b>	±5%
<b>Protection:</b>	Short circuit protection: Auto-recovery *Subject to Max power limitations

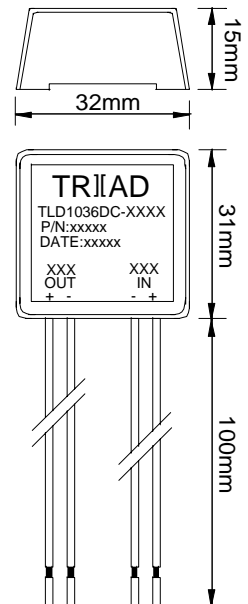
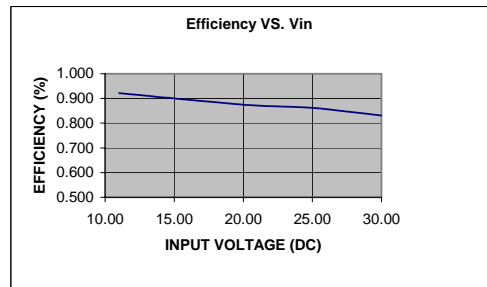
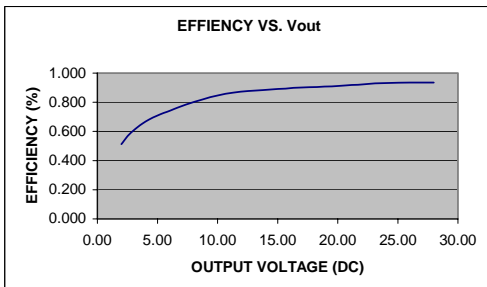
##### Environmental Specifications:

<b>Operating Temperature:</b>	-40 to 60°C (De-rating: 1%/°C from 60-70°C)
<b>Storage Temperature:</b>	-40 to 80°C
<b>Operating Humidity:</b>	5 to 95% RH (non-Condensing)
<b>Cooling:</b>	Convection cooling
<b>Vibration:</b>	5 to 50Hz
<b>MTBF:</b>	>100,000 Hours at full load and 25°C ambient conditions

##### General Specifications:

<b>Connections:</b>	4in leads - Input: 18 AWG; Output: 18 AWG
<b>Dimensions (WxLxH):</b>	32.0x31.0x15.0mm
<b>Weight:</b>	25g
<b>Warranty:</b>	3 years @ 40°C, 100% Load

##### Performance Graphs:



**RoHS Compliance:** This power supply meets the requirements 2002/95/EC, know as the RoHS initiative.

\* Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics' website for the most current version.