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[TLM4036DC-0700](#)

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## Switch Mode Power Supplies Encapsulated Constant Current

# TLM4036DC-0700

### Description:

The TLM4036DC-0700 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>	See Table
<b>Power Factor:</b>	>0.9 at full load, 115Vac
<b>Output*:</b>	.700A $\pm$ 5%, Vout range: See Table
<b>Efficiency:</b>	90% Typical at full load
<b>Maximum power:</b>	26W
<b>Output Current Regulation:</b>	$\pm$ 5%
<b>Protection:</b>	Short circuit protection: Auto-recovery *Subject to Max power limitations

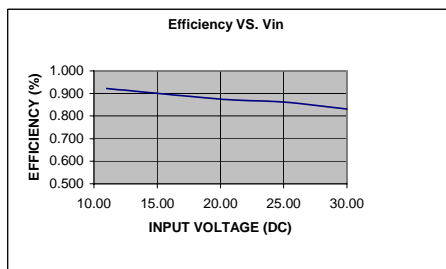
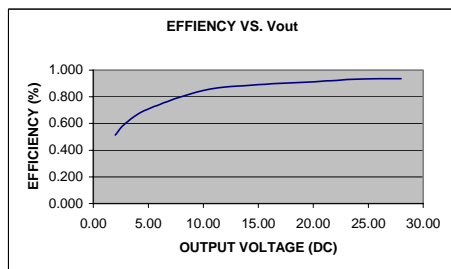
#### Environmental Specifications:

<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:

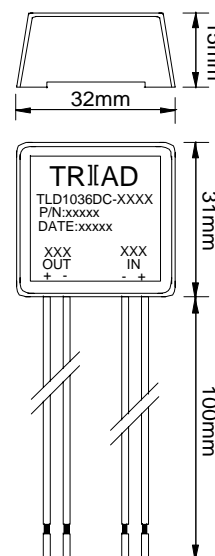
<b>Connections:</b>	4in leads - Input: 18 AWG; Output: 18 AWG
<b>Dimensions (WxLxH):</b>	32.0x31.0x15.0mm
<b>Weight:</b>	25g
<b>Warranty:</b>	3 years @ 40°C, 100% Load

### Performance Graphs:



**RoHS Compliance:** As of manufacturing date February 2005, all standard products meet the requirements of 2011/65/EU, known as the RoHS initiative.

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



Vin (DC)	Vout (DC)	IDC (A)	Max Watts
40	2-32	0.700	22.4
36	2-30	0.700	21.0
32	2-28	0.700	19.6
30	2-26	0.700	18.2
28	2-24	0.700	16.8
24	2-22	0.700	15.4
15	2-12	0.700	8.4
12	2-10	0.700	7.0
10	2-8	0.700	5.6

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