

TLD COST EFFECTIVE

12V/24V 60W- 400W



*LED Strip Lights, Commercial Lighting, Neon and Accent Lighting, LED Signs and Lightboxes, Smart Home Lighting

FEATURE

- ◎ Two years warranty
- ◎ 100% Load burn-in test
- ◎ Built-in EMI fliter
- ◎ Output over- voltage, over-current and short- circuit protection
- ◎ Ultra slim design, suitable narrow install
- ◎ Low output ripple and noise
- ◎ Average no trouble working >20,000 hours

PRODUCT PARAMETERS



| Model | Pout | Vin | Vout | Iout | Effi | IP | Size(mm) | Pcs/Ctn |
|------------|------|-------------|-----------|-------------|------|------|-----------|---------|
| TLD-60-12 | 60W | 200-240V AC | DC12V/24V | 5.0A/2.5A | 85% | IP20 | 120*36*22 | 100 |
| TLD-100-12 | 100W | 200-240V AC | DC12V/24V | 8.3A/4.1A | 85% | IP20 | 138*50*23 | 90 |
| TLD-200-12 | 200W | 200-240V AC | DC12V/24V | 16.7A/8.3A | 85% | IP20 | 180*50*23 | 90 |
| TLD-300-12 | 300W | 200-240V AC | DC12V/24V | 25.0A/12.5A | 85% | IP20 | 206*50*23 | 60 |
| TLD-400-12 | 400W | 200-240V AC | DC12V/24V | 33.0A/16.7A | 85% | IP20 | 238*50*23 | 60 |

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TLD-300W 12V

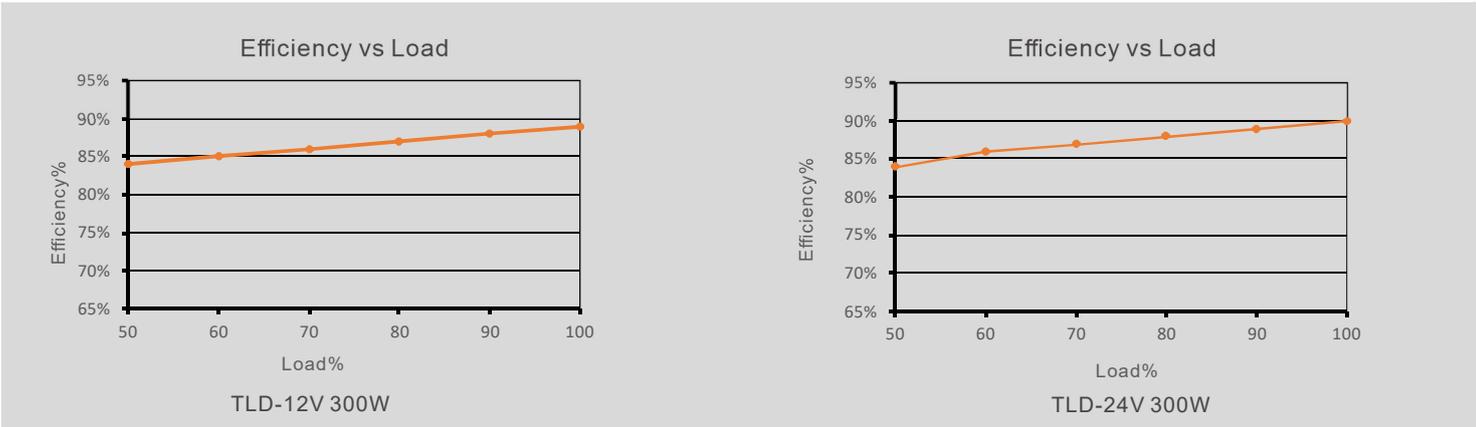


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| Model | | TLD-300W 12V | TLD-300W 24V |
|------------|---|---|--------------|
| OUTPUT | DC voltage | 12V | 24V |
| | Rated current | 25A | 12.5A |
| | Cuttent range | 0-25A | 0-12.5A |
| | Rated output power | 300W | 300W |
| | Ripples and noise | ≤200mVp-p | ≤300mVp-p |
| | Output current range | 11.5-12.5V | 23-25V |
| | Precision of output voltage regulation | ±0.5% | ±0.5% |
| | Rate of lenear adjustment | ±0.5% | ±0.5% |
| | Load adjustment rate | ±0.5% | ±0.5% |
| | The startup time | ≤2s/230VAC | |
| INPUT | Keep time | 10ms/230VAC | |
| | Voltage range | 176-264VAC | |
| | Frequency range | 50Hz | |
| | Power factor | PF≥0.6/230VAC | |
| | Efficiency | ≥89% | ≥91% |
| | Alternating current | 3.4A/230VAC | |
| | Surge current | 50A/230VAC | |
| | Leakage current | <5mA/230VAC | |
| PROTECTION | Overload | 110%-140%: rated 110%-140% of the total power input protection mode:Auto recovery mode.the system automatically recovers when abnormal load conditions are removed | |
| | Short circuit | protection mode:Auto recovery mode.the system automatically recovers when abnormal load conditions are removed | |
| | Over voltage | protection mode:self-recovery mode,automatic recovery when the overvoltage is removed | |
| | Over temperature | protection mode:self-recovery mode,automatically recover when the temperature drops | |
| ENVIRONMEN | working temperature | -35~+50°C | |
| | working humidity | 20-90% RH | |
| | storage temperature;humidity | -30~+85°C; 10~95% RH | |
| | temperature coefficient | ±0.1%/°C(0-35°C) | |
| | resistance to vibration | 10-500Hz, 3G 10min. / 1 cycle, 60 min. each axes | |
| SAFETY&EMC | safety norms | EN60950 , GB4943.1-2011 | |
| | withstand voltage | I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC | |
| | insulation impedance | I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH | |
| | EMC | -- | |
| other | protection grade | IP20 | |
| | MTBF | ≥30khour 25°C | |
| | power supply size | L206*W50*H23mm | |
| | power supply weight | 200g | |
| NOTE | 1.Unless otherwise specified , all specification are measured at an input of 230VAC,rarted negative cut,and ambient temperature of 25°C | | |
| | 2.Ripple and noise measurement method:the measured end is connected in parallel with a 0.1uF+10uF capacitor,the oscilloscope is set to 20MHZ bandwidth,and the probe is tested with cap off and full load at 25°C | | |
| | 3.Accuracy :includes setting error , linear adjustment rate and load adjustment rate . | | |
| | 4. The output power is reduced when the input voltage is less than 200VAC. | | |

TLD-300W 12V



Packaging Information

| | |
|-------------|--------------------|
| DIMENSION | 206*50*23(LxWxH) |
| PACKING | 212*53*26(LxWxH) |
| PCS/CTN | 60pcs |
| CARTON SIZE | 459*290*168(LxWxH) |
| WEIGHT | 200g±10g/PCS |

