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NEWS: For Immediate Release

60/80/100W AC-DC LED Driver Power Supply

Following the successfully launch of our 12W series, TDK-Lambda Singapore is pleased to announce its new additional range of LED driver power supply mainly used in LED lighting industry. These are 60, 80, 100W AC/DC encapsulated type driver designed to meet IP66 standard with wide universal input of 90~305Vac.

Our LED driver power supplies provide both constant voltage mode (ALVxx series with 12V, 24V and 36V) and constant current mode (ALCxx series with 1050/1400/1700/3300/ 4000mA) output type. ALVxx and ALCxx series operate between -30 ~ +70°C (guarantee start up at -40°C) with output efficiency of up to 90% by convection type cooling. Other standard functions / features include short circuit, over load and over voltage protections.

Besides being certified to EN55015-B, EN55022-B, VCCI-B, CISPR 22-B and FCC-B for EMI, TDK-Lambda's ALVxx and ALCxx series also certified to UL8750, CSA C22.2 No.60950-1-07 2nd Ed, IEC61347-1, IEC61347-2-13, J61347-1, J61347-2-13 , DEN-AN 2 safety approvals and carry the CE mark. All models are built to meet EN61000-4-2, -3, -4, -5, -6, -8, -11 standards.

Key features of 60, 80, 100W include :

- Compact size for all power range (high power density)
- Wide Input Voltage Range : 90 ~ 305Vac (no input derating)
- High efficiency (up to 90%)
- Wide operating temperature : -30 ~ 70°C (guarantee start-up at -40°C)
- Plastic enclosure (light weight)
- Class II input with double insulation (extra safety)
- Meet Class C harmonics at 50% load (IEC 61000-3-2 for lighting)
- Double insulation for I/P & O/P wires with option for outdoor
- 3 year warranty (long E-cap life)

Typical applications include :

- LED lighting system
- Channel letter & contour lighting
- Architectural lighting
- Retail/theme lighting
- Orientation (path) lighting
- Entertainment lighting
- Emergency & security lighting
- Street Light
- Car park signage
- Railway lighting system

For more information, please call TDK-Lambda directly on +65 6251 7211 or visit the website at:
www.tdk-lambda.com.sg

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Editor's Notes:

TDK-Lambda is a subsidiary of the TDK Corporation (NYSE: TDK), a leading global electronics company (www.tdk.com).

TDK-Lambda has been a major provider of power solutions for over 60 years. The company designs and manufactures a wide range of AC-DC and DC-DC power products for Industrial, Medical, Telecom, Datacom, and Test & Measurement applications worldwide.

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Keywords:

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