



NEWS RELEASE

Subject: TDI Introduces New Single Unit LPE Inverter Mounting Adaptor

Hackettstown, NJ – September 27, 2010

The LPES-SA single module mounting adaptor allows any standard hot plug 1U LPE inverter to be used in a “stand alone” application. The LPE-SA further increases your system’s “up-time” by including a built-in transfer switch. It transfers your load to mains power, within approximately 10ms, should inverter power be lost due to loss of DC Input, over



temperature, or inverter failure. The LPE-SA is the answer to the increased demand for critical ancillary AC equipment running in DC powered cabinets or near other uninterruptible DC sources. In these applications it allows quick and easy access to uninterruptible AC Power for maximum availability.

With simple fixes* for panel or bulkhead mounting, the adaptor provides terminal blocks for DC input and alarm status relay connections. There are two versions available – one with two 15A IEC female outlets and one with two 15A NEMA (120V) female outlets. Both versions have AC connection retaining clips and a 15A IEC male input connector that can be connected to an AC “utility” source if required.

Internal fusing in the AC input lines provides fault current protection for gross overload conditions when transfer switch has selected the utility source.

The four standard LPE modules that can be used with the mounting adaptor are shown in the following table

DC Input (nom)	AC Voltage	Power	Model number
24V	120V 60Hz	400VA	LPE400-24-120-LF
24V	220/230V 50Hz	400VA	LPE400-24-220-LF
48V	120V 60Hz	500VA	LPE500-48-120-LF
48V	220/230V 50Hz	500VA	LPE500-48-220-LF

*Fixing points are on the same centers as the existing LPE-TS units.

TDI Power is a global manufacturer of Power Systems Solutions for the Industrial, Military/Aerospace, Medical, Computer/Networking and Telecommunications markets. We have a broad range of high technology power conversion products including DC and AC Power Systems, Power Supplies, Rectifiers, Converters and accessory equipment. Established in 1960, TDI is headquartered in New Jersey, USA, has over 700 employees and three facilities located throughout the world. For more information about TDI go to www.tdipower.com.

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