

Features

- The LPE Series of DC-AC Inverters provides one of the cleanest, and most reliable AC power available on the market. The LPE-TS further increases your system's "up-time" by including an built-in transfer switch to transfer your load to mains power should inverter power be lost due to loss of DC Input, Over Temperature, or a myriad of other situations. The LPE-TS provides the dependable AC power you need in very harsh environments.
- The mechanical design allows the inverter to be mounted on any flat surface such as a cabinet door, a side-wall, a filler panel, or wherever your equipment and imagination allow. The standard connections mean you bolt it on, plug it in, and you're ready to go.
- The LPE-TS is the answer for 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 and AC mains for maximum availability.



Specifications

Input Voltage:	24 Vdc (19-30 Vdc)
Inrush Current:	ETS300 132-2, 4.7.1
Output Voltage:	120 VAC
Output Frequency:	60 Hz
Max Output Power:	400VA
Output Regulation:	Less than 2.0%
Crest Factor:	Maximum 2.8:1
Total Harmonic Distortion:	<1.0%
Efficiency:	86% Typical
DC Noise Injection:	dBRNC <30
Protection: Input & Output Fuse Protected, Input Undervoltage, Input Overvoltage, Output Overload, Output Short Circuit, Over temperature	
FRONT PANEL INDICATORS AND ALARMS	
Green LED:	Input Good
Bi-Color Red/Green LED:	Summary Fault / Output Good
ENVIRONMENTAL	
Cooling:	Internal, Variable speed fan (front to rear airflow)
Operating Temperature:	-20°C to +55°C
Storage Temperature:	-40°C to +65°C
Humidity:	0-95%, non-condensing
AGENCY COMPLIANCE	
Safety:	UL60950-1, CE Marked to LVD (EN60950-1)
Input EMI:	EN300 386:2000 (EN55022:1998 Class A)
Output EMI:	EN55022 Class A
MECHANICAL	
Dimensions:	11.7 x 7.1 x 1.5 (297mm x 180mm x 38mm)
Weight:	3 lbs. (1.36kg)
DC Input Connection:	2 position terminal block
AC Output Connection:	3 x IEC C-13 receptacles
Ground Connection:	8-32 threaded stud
Transfer Time:	50 mSec to AC mains

Ordering Information

Part no.	Description
LPE400-24-120-TS	400 VA Inverter, 24 Vdc Input, 120 VAC, 60 Hz, Output, Auto Transfer Switch