

Features

- The LPE-R Series provides the user with true sine wave output, distortion <1% and high efficiency ... all in a stand alone package 1U high! The LPE-R fits in your existing space -- eliminating the need for complex system changes or added hardware to host the inverter -- to provide AC power any place where DC already exists.
- The LPE-R also provides three standard IEC receptacles, so it's a breeze to connect. With an internal variable speed fan, just connect DC power, plug in your equipment, and you're ready to go!
- The LPE-R Series is designed for use in any application where space is a premium, and true sine wave performance is a must!
- This datasheet represents a standard unit. Our experienced Engineering team is ready to tailor a solution to the unique requirements of your system.



Specifications

Input Voltage:	48 Vdc (40.5-60 Vdc)
Inrush Current:	ETS300 132-2, 4.7.1
Output Voltage:	120VAC
Output Frequency:	60 Hz
Max Output Power:	500VA
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:	10.7 x 5.6 x 1.5 (272mm x 143mm 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

Ordering Information

Part no.	Description
LPE500-48-120-R	500 VA Inverter, 48 Vdc Input, 120 VAC, 60 Hz, Output