

Features

- The LCE inverter is parallelable, hot swappable and supports N+1 redundancy. The interlocking cam actuated handle turns power off before removal and power on after insertion for glitch-free hot swapping of inverter units. Cabinets, shelves and controllers are available for large and complex indoor and outdoor systems.
- The LCE series is fully scalable permitting multiple modules to be paralleled in single phase (up to 36KVA) or three phase applications (up to 20KVA per phase). Full power can be provided over an ambient temperature range of -20 to +55°C.
- The LCE will maintain total harmonic distortion <1.0% while providing a regulated true sine wave for all loads including low power factor (zero lagging to zero leading) non-linear, transient and ½ wave rectifier loads
- The LCE will also deliver transient surge current up to 18Amps and provide motor starting power up to 4.0KVA for 10 seconds.



Specifications

Input Voltage:

Nominal 367 VDC (210-400 Vdc)

Input Under voltage, Input Over voltage

Output overload, Output Short Circuit

Efficiency: 86% Min. Half load to Full load

Output Voltage: 120 VAC/60 Hz

Cooling: Internal fan

Operating Temp: -20 to +55°C

Power/KVA: 1.75kVA for any power factor zero lag to zero lead or non-linear load with crest factors less than 2.8:1

Store Temp: -50 to +55°C

Humidity: 0-95% non-condensing

Surge Ratings: 4kVA motor starting for 10 sec 36 Amps peak at 120 VAC

Line Distortion: Less than 1% THD

MECHANICAL

Package Operations:

Modular shelf mount/used with or without 19" shelf

Regulation:

Less than 2%

MTBF: >900,000 hours (Demonstrated)

Terminations:

Elcon connector: P/N 241-28-01100

Elcon mating connector: P/N 242-27-01100

(Note: this is a float mount or crimp type housing)

Weight: Under 12 lbs (5.44Kg)

Stand by Dissipation: Under 100Wattas No Load

Size: W 5.25" (13.34cm) H 5.25" (13.34cm) D15.5" (39.37cm)

Ordering Information

Part no.	Description
LCE17-367-120-Q	1.75 KVA Inverter, 260 Vdc Input, 120 VAC, 60 Hz, Output