

SDT Option for LPS Inverters



Inverter Systems, Inc.

WWW.INVERTERSYSTEMSINC.COM



UL Listed



UL Listed
for Damp
Locations



Improved Self-Diagnostic Feature

DESCRIPTION

Inverter Systems, Inc. offers the self-testing and self-diagnostic (SDT) options in their LPS series of inverters. This feature is becoming increasingly more important to architects, engineers and building owners as they become more aware of its tremendous value-added functions and safety-assuring technology. UL Listed to meet NFPA 101 for self-testing and self-diagnostic requirements.

SELF-DIAGNOSTIC FUNCTIONS

The self-diagnostic function is factory preset and performs the following:

- Monitoring of battery, battery charger and connected loads.
- Self-testing and a 30-second battery discharge once every 30 days after normal utility power has been supplied for a minimum of 48 hours.
- Self-testing and a 30-minute battery discharge once every 180 days after normal utility power has been supplied for a minimum of 48 hours.
- Self-testing and a 90-minute battery discharge once every 365 days after normal utility power has been supplied for a minimum of 48 hours.

SERVICE INDICATION

LED INDICATOR	STATUS
GREEN Steady	Normal Service
RED/GREEN Blinking	High Charge Enabled
One Blink RED / Pause	Battery Charger Fault
Two Blinks RED / Pause	Battery Fault
Four Blinks RED / Pause	Lamp / Load Fault

MANUAL TESTING

ACTION	REACTION & LED INDICATION
Push test switch once (within 2s)	30 second test. One blink GREEN / Pause
Push test switch twice (within 2s)	30 minutes test. Two blinks GREEN / Pause
Push test switch thrice (within 2s)	90 minute test. Three blinks GREEN / Pause
Push test switch and hold for 3s	Cancel test
Push test switch and hold for 6s	System reset

LPS INVERTERS

