

# SHIELD SOLO Battery Backup Unit

## Backup Power for SHIELD SOLO

**MODEL NUMBER: L44-00**

The SHIELD SOLO Battery Backup Unit (BBU) provides constant direct current and battery charging capabilities for SHIELD SOLO ERCES installations. In the event of a power failure, the BBU allows the SHIELD SOLO system to maintain peak operation for up to 12 hours. In addition to being NEMA 4 rated and listed to UL 2524, the BBU supports one 12-volt, 80Ah lead-acid battery and includes accessories for wall mounting and cabling for connecting to the BDA.

**Features and benefits include:**

- Delivers direct constant current to SHIELD SOLO and system accessories, including the SHIELD Remote Annunciator Panel (RA), Emergency Power-Off Switch (EPO), and Active Server Antennas
- Provides backup power for up to 12 hours during power outages
- Supports 1x sealed 12V/80Ah lead-acid battery
- Two alarm ports for monitoring of the BBU
- Listed to UL 2524 and FCC Part 15 compliant
- NEMA 4 enclosure



SHIELD SOLO  
Battery Backup Unit (BBU)  
(Batteries are not included)



### Specifications

Part Number	L44-00
Enclosure Size (in) WxHxD	18 x 17.40 x 12
Weight without batteries	27 lb

### Power

Input voltage	115 VAC
Output voltage	12 VDC (requires one 80Ah lead-acid battery for 12 hours backup)

### Environmental

Operating Temperature	0°C – 50°C
Operating Humidity	95%

### Connections

Alarm Port	2x dry contact alarms
Input Power	1/2 inch Water-Tight Conduit
Output Power	1/2 inch Water-Tight Conduit

### Supported Alarms

Normal AC power
Battery Charger Fail
Loss of Normal AC power
Low Battery Capacity @ 30% of Capacity

### Certifications

FCC Part 15, 22, 24, 27, 20, 90	Listed to UL 2524	UL 50E (CU)
	IFC 510	NEMA 4
	NFPA 1221	ISED (Canada)

