



SB-L10V1-20Q

Plug-and-Play Backup Power Manual



ENFORCER Plug-and-Play In-line Backup Power provides automatic continuous power to CCTV cameras, routers, modems, VOIP phone systems, employee time and attendance systems, alarm systems, or other small electronic devices during power outages. In addition, it includes protection against short-circuits and power surges. The high quality lithium polymer battery is also protected from short-circuit, overcharge, over-discharge, and overload.

ENFORCER Plug-and-Play Backup Power

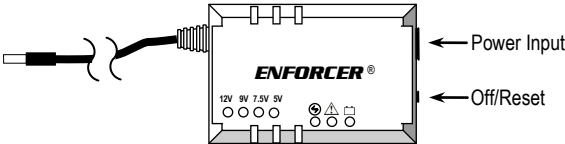
Features:

- Real-time backup power with no break when input power is lost
- DC UPS Auto-start
- LED indicators for power and charging
- 2000mAh lithium polymer
- Over-discharge, overcharge, overload, short-circuit, and surge protection
- Auto-recognize voltage (5/7.5/9/12VDC) input and sets corresponding output
- Additional indicator LEDs for output voltage and alarm (alarm is also audible)

Specifications:

Type	In-line UPS	
Input	5/7.5/9/12VDC±10%	
Input protection	Overload and short-circuit fuse	
Input jack type	5.5x2.1mm DC jack	
Output	Auto-configure 5/7.5/9/12VDC±5%	
Output power rating	10W	
Output protection	Over-discharge, overload, short-circuit protection	
Battery	Lithium Polymer 3.7VDC/2000mAh	
Battery Protection	Overcharge, over-discharge, overload, short-circuit	
Backup time	Half Load	60 min
	Full Load	25 min
LED indicators	Voltage, power, alarm, backup	
Output cord	12" (30.5cm)	
Output plug type	5.5x2.1mm DC plug	
Operating temperature	32~104°F (0~40°C)	
Operating humidity	0~95% non-condensing	
Dimensions	3 3/8"x2 1/4"x1 1/2" (85x57x42mm)	
Weight	4.3-oz (121g)	

Overview:



LED Indicators		Status Indication	
12V 9V 7.5V 5V ○ ○ ○ ○	Voltage (Green)	On: Indicates detected input voltage and supplied output voltage	
⚡	Power (Green)	On: UPS protection on	Off: UPS protection off
⚠	Alarm (Red)*	On: Overload, input voltage out of range, or, input voltage failure, Flashing: Battery low	
🔋	Backup (Yellow)	On: Backup mode	Off: Line mode

*Audible alarm – Continuous long beep indicates alarm or failure (see troubleshooting), 5 short beeps indicate transferring to backup

Parts List:

1x UPS with battery and power cord

1x Manual

Sample Installation:

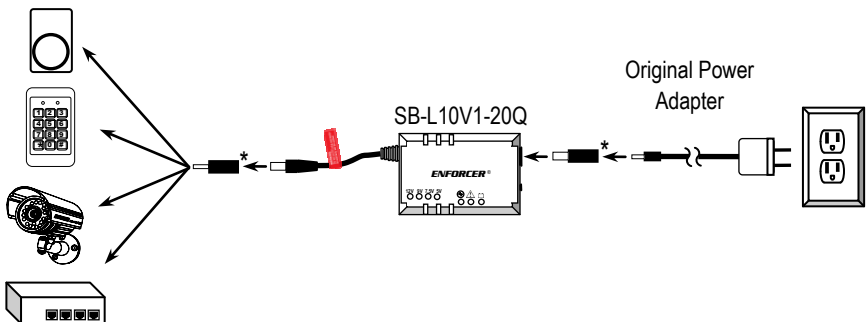
Note: For devices with non-standard DC plugs, DC plug adapters (not included) may be needed. **Do not cut the DC plug cord as warranty will be voided.**

Note: To reach full power backup time, please allow the unit's battery to charge for at least 24 hours.

1. Disconnect the original power adapter from the device to be powered and plug it into the In-line Backup Power unit. The correct voltage for the powered device will be automatically detected and the voltage indicator LED should light up showing the correct voltage.
2. Connect the In-line Backup Power unit's output line to the device to be powered. The voltage indicator LED should light within 5 seconds for the correct supplied voltage and the "power" LED should also be lit.
3. To test installation, unplug the adapter from the AC wall outlet momentarily. The yellow "Backup" LED should be lit and 5 short "beeps" will indicate that backup mode has started. The device should remain powered. Continuous short "beeps" with the flashing red "alarm" LED indicates a low battery.

Note: If the In-line Backup Power unit is later used for another device, be sure to press the 'off/reset' button before installation to allow it to again detect the correct voltage.

Sample Application:



*DC plug adapters (not Included) may be required for devices which do not accept standard 2.1mm DC plugs.

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Troubleshooting:

Backup time is shorter than claimed	• On initial installation, be sure that batteries have been charged for 24 hours before testing backup time
The power plug does not fit my unit	• You may need to provide a power tip adapter to connect to your device (two adapters, both male and female) • Check to see that all plugs are firmly connected at the device, the Backup Power unit, power adapter, and the AC wall outlet • Check to see that the AC outlet is live • Ensure that the Backup Power unit's power LED is lit
Device does not turn on when installed	• Check for a short or overload. The Backup Power unit is designed to cut power when a short-circuit or overload is detected • Check that the device's voltage is compatible (either 5, 7.5, 9, or 12VDC) • Press the "Off/Reset" button to reset voltage output
During a power outage, power is not provided to device	• Check for a short or overload. The Backup Power unit is designed to cut power when a short-circuit or overload is detected • Ensure that the input voltage is either 5, 7.5, 9, or 12VDC
The alarm sounds (long beep) and the red alarm LED is lit	• Ensure that the original power adapter is working and providing power to the Backup Power unit • Ensure that the device's current draw is no more than 10W • Check for a short-circuit at the device

Also Available from SECO-LARM®:

CCTV Power Supplies



PS-U906-PULQ Shown

Power Adapters



ST-UV12-S1.0 shown

Full Line of DC Connectors



CA-161TQ//CA-161P shown

WARRANTY: This SECO-LARM product is warranted against defects in material and workmanship while used in normal service for 1 (one) year from the date of sale to the original customer. SECO-LARM's obligation is limited to the repair or replacement of any defective part if the unit is returned, transportation prepaid, to SECO-LARM. This Warranty is void if damage is caused by or attributed to acts of God, physical or electrical misuse or abuse, neglect, repair or alteration, improper or abnormal usage, or faulty installation, or if for any other reason SECO-LARM determines that such equipment is not operating properly as a result of causes other than defects in material and workmanship. The sole obligation of SECO-LARM and the purchaser's exclusive remedy, shall be limited to the replacement or repair only, at SECO-LARM's option. In no event shall SECO-LARM be liable for any special, collateral, incidental, or consequential personal or property damage of any kind to the purchaser or anyone else.

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