POWER INVERTER AND BACKUP SYSTEM

Designed for use with commercial gate and shutter operators

OUT OF POWER

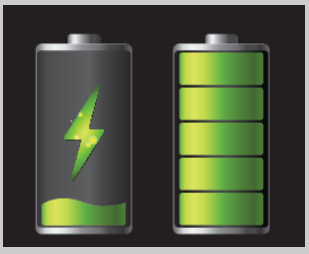
PROBLEM SOLVED

- Provides backup AC power for shutter control systems when primary (AC) power is lost
- Pure sine wave inverter provides 120 volt, 60 cycle AC power
- Maintains power to all components of the shutter system including the shutter operator, loop detectors, secondary entrapment prevention devices, telephone entry system, card access system, and similar

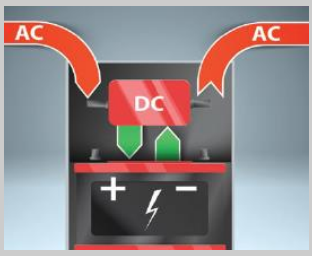
2-Year Limited Warranty (excludes batteries)

Residential · Municipal · Mixed Use · Commercial · Retail · Restaurant · Schools

Two 35 Amp Hour
SLA batteries fit inside the cabinet



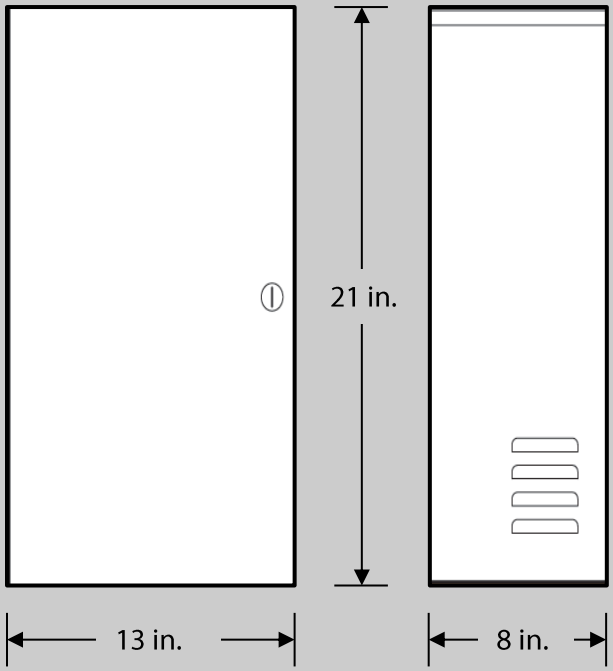
Battery Charger
during normal operation



Converts
12 Volt DC to 120 Volt AC

Power Backup
for a single-shutter system when primary power fails

POWER INVERTER AND BACKUP SYSTEMS



DETAILS (REFERENCE)	
OUTPUT WAVE FORM	Pure Sine Wave
WATT	1,000
BATTERIES INCLUDED	2 SLA 35 aH
POWER OPTIONS	Two ½ HP operator or One 1 HP operator
OUTPUT	120 VAC, 60 Hz

TECHNICAL FEATURES

MECHANICAL

Pure Sine Wave Inverter can be used to power a single Gate Operator with a 1 HP motor, or 2 Gate Operators with 1/2 HP motors, and Access Control Systems

- Low Battery Alarm: 10.5 V
- Low Battery Shutdown: 9.5 V
- Overload Protection
- Input Short Protection
- Over Temperature Control (140°F / 60°C)
- LED Status Indicators
- Status Report Capability

Control Circuit

- Selectable Power Out and Power Start Options Continuous Operation / Quick Open Operation
- Low Battery Shutdown and Operate Options
- 2 Relays

ELECTRICAL

- Cont. Power: 1000 Watts Efficiency: 90%
- Max AC Load Current: Pure Sine = 12.5 A
- DC Input: 10 to 15 VDC Nominal 12 VDC Frequency: 60 Hz AC Output Voltage: 120 VAC

Batteries

- Maintenance Free, Rechargeable, Non-spillable, Sealed Lead-Acid (SLA), 12-Volt, 35.0 AH
- Pure Sine Wave Inverter includes 2 batteries (wired in parallel)
- Cabinet contains room for two Batteries

MISCELLANEOUS

Environmental: 32°F to 104°F (0°C to 40°C) with two 35 aH batteries ~83 lb (37.65 kg)