



1000 POWER INVERTER & BACKUP SYSTEM



NO POWER NO PROBLEM

- Provides backup AC power for Access 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 Vehicular Gate System including the Gate Operator, Loop Detectors, Secondary Entrapment Prevention Devices, Telephone Entry System, Card Access System, RF Controls, etc.
- 2-Year Limited Factory Warranty - excludes batteries

RESIDENTIAL • GATED COMMUNITIES •
 SELF STORAGE • APARTMENT COMPLEXES
 • MIXED USE • PARKING • CONDOMINIUM/
 RESIDENCE HALL • COMMERCIAL



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-gated Access Control System when primary AC power fails



1000 POWER INVERTER & BACKUP SYSTEMS

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

Continuous Power: 1000 Watts

Efficiency: 90%

Max AC Load Current:
Pure Sine Wave = 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

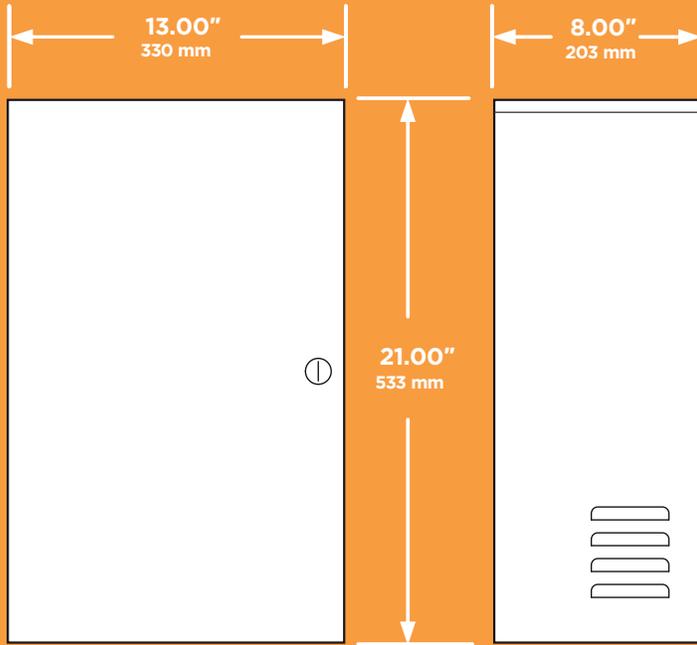
Pure Sine Wave Inverter includes 2 batteries (wired in parallel)

Cabinet contains room for two Batteries

MISCELLANEOUS

Environmental: 32°F to 104°F (0°C to 40°C)

With two 35 aH Batteries approximately 83 lb (37.65 kg)



1000

OUTPUT WAVE FORM	Pure Sine Wave
WATT	1000
BATTERIES INCLUDED	2 SLA 35 aH
POWERS	Two 1/2 HP operator or One 1 HP operator*
OUTPUT	120 VAC, 60 Hz

* Suitable for use with all DoorKing and non-DoorKing brand Operators.



DoorKing® Inc.

Access Control Solutions since 1948



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