



MODEL 1000 **POWER** INVERTER



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



- Provides backup AC power for access control systems when primary (AC) power is lost
- During normal operation, acts as a battery charger to maintain proper battery power levels
- 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 factorywarranty – excludes batteries



two batteries

SLA can be accommodated in the cabinet



battery charger

during normal operation



converts

12 volt DC to 120 volt AC



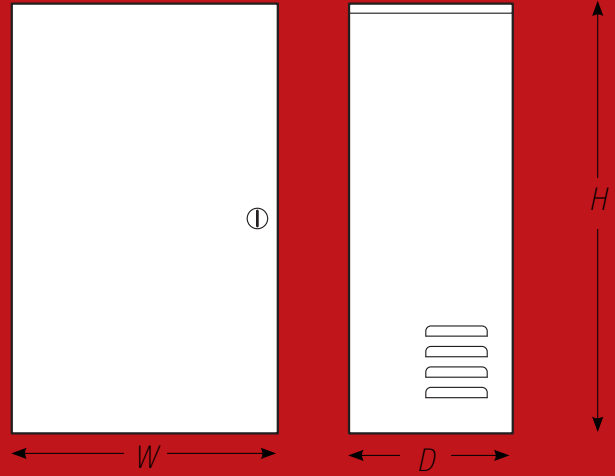
power backup

to ALL access control system components

MODEL 1000 POWER INVERTER

1000 Power Inverter and Backup

13" W x 21" H x 8" D (33cm W x 53.34cm H x 30.32cm D)



	CLASS OF OPERATION	WATT	BATTERIES INCLUDED	POWERS	OUTPUT
1000 MSW	Modified Sine Wave	1000	1	One 1/2HP operator*	120 VAC
1000 PSW	Pure Sine Wave	1000	2	Two 1/2HP operator or One 1HP operator**	120 VAC

* Use only with DoorKing gate operators.

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

Technical Features

Specifications

Modified Sine Wave¹ inverter can be used to power a single gate operator with a 1/2 HP motor and basic access control systems

Pure Sine Wave inverter can be used to power a single gate operator with a 1 HP motor, or two 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

Two (2) Relays



Access Control Solutions since 1948

Electrical

Continuous Power: 1000 Watts

Efficiency: 90%

Max AC Load Current:
Modified Sine Wave = 9.0 A
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

Modified Sine Wave inverter includes a single battery. A second battery can be added to this inverter to provide longer operational periods during AC power loss

Pure Sine Wave inverter includes two (2) batteries (wired in parallel)

Cabinet contains room for two batteries

¹ Modified Sine Wave inverter should only be used with DKS gate operators. Use the Pure Sine Wave inverter with all other gate operator brands.

Miscellaneous

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

Shipping weight:

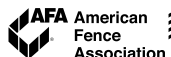
With one 35 aH Battery approximately 58 Lbs. (26.31 kg)

With two 35 aH Batteries approximately 83 Lbs. (37.65 kg)



Distributed by:

MEMBER:



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