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 Factory Warranty – excludes batteries

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

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

ACCESS CONTROL SOLUTIONS
1000 Power Inverter and Backup
13" W x 21" H x 8" D (33cm W x 53.34cm H x 30.32cm D)

<table>
<thead>
<tr>
<th>CLASS OF OPERATION</th>
<th>WATT</th>
<th>BATTERIES INCLUDED</th>
<th>POWERS</th>
<th>OUTPUT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000 MSW</td>
<td>1000</td>
<td>1</td>
<td>One 1/2 HP operator*</td>
<td>120 VAC</td>
</tr>
<tr>
<td>1000 PSW</td>
<td>1000</td>
<td>2</td>
<td>Two 1/2 HP operator or One 1 HP operator**</td>
<td>120 VAC</td>
</tr>
</tbody>
</table>

* Use only with DoorKing Gate Operators.
** Suitable for use with all DoorKing and non-DoorKing brands.

### Technical Features

#### Specifications

- **Modified Sine Wave** 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 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

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.

#### 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

#### Miscellaneous

- Environmental: 32°F to 104°F (0°C to 40°C)
- Shipping weight:
  - With one 35 ah Battery approximately 58 lb (26.31 kg)
  - With two 35 ah Batteries approximately 83 lb (37.65 kg)

Distributed by:

Access Control Solutions since 1948

MEMBER:

<table>
<thead>
<tr>
<th>APA</th>
<th>IDA</th>
<th>SCA</th>
<th>NAPA</th>
<th>CANASA</th>
</tr>
</thead>
</table>

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