



APS POWER INVERTERS

GATE OPERATOR HARDWARE & ACCESORIES

All-O-Matic's APS Power Inverter Line offers a range of options for customers looking for a high-quality inverter.

The line includes three models:

APS-1000-12

APS-2000-24

APS-4000-48

All of the models in this line feature pure sine wave output, ensuring a smooth and stable flow of power to connected devices. They also feature an ac/battery priority dip-switch function, allowing users to select whether to prioritize using AC power or battery power. Additionally, the inverters have built-in auto-open relays for gate operators, making them well-suited for use in automated gate systems. Lastly, these inverters have a built-in battery charger and LCD display to show the status of the inverter and battery.



SLIDERS | SWINGERS | OVERHEADS

The standard by which all other automatic gate operators are measured.

818-787-1988



allomatic.net



APS INVERTER SPECS

GATE OPERATOR HARDWARE & ACCESORIES

| Line Mode Specifications | APS-1000 -12 | APS-2000 -24 | APS-4000-48 |
|-------------------------------------|--|--|--|
| Input Voltage Waveform | Sinusoidal (utility or generator) | Sinusoidal (utility or generator) | Sinusoidal (utility or generator) |
| Nominal Input Voltage | 120VAC 50/60Hz | 120 VAC 50/60Hz | 120 VAC 50/60Hz |
| Out Voltage Waveform | Same as Input Waveform Circuit | Same as Input Waveform | Same as Input Waveform |
| Overload Protection | Breaker | Circuit Breaker | Circuit Breaker |
| Output Short Circuit Protection | Circuit Breaker | Circuit Breaker | Circuit Breaker |
| Efficiency (Line Mode) | >95% | >95% | >95% |
| Transfer Time (AC to DC) | 10ms (typical) | 10ms (typical) | 10ms (typical) |
| Transfer Time (DC to AC) | 10ms (typical) | 10ms (typical) | 10ms (typical) |
| Max Bypass Overload Current | 30A | 40A | 63A |
| Inverter Mode Specifications | | | |
| Output Voltage Waveform | Pure Sine Wave | Pure Sine Wave | Pure Sine Wave |
| Rated Output Power VA/Watt | 4000 | 2000 | 4000 |
| Power Factor | 1 | 1 | 1 |
| Nominal Output Voltage | 120 VAC 50/60Hz (+-.03Hz) | 120 VAC 50/60Hz (+-.03Hz) | 120 VAC 50/60Hz (+-.03Hz) |
| Auto Tracking Main Frequency | Detects Input Frequency (matches in battery mode) | Detects Input Frequency (matches in battery mode) | Detects Input Frequency (matches in battery mode) |
| Output Voltage Regulation | + -10% RMS | + -10% RMS | + -10% RMS |
| Nominal Efficiency | >80% | >80% | >80% |
| Surge Power Rating | 2,000 VAWATT | 4,000VA | 8,000VA |
| Capable of starting electric motor | Instant Reverse Gate Motors 2) 1 /2HP or 1) 1 HP | Instant Reverse Gate Motors (8) 1/2 HP or (4) 1HP up to one 5HP | Instant Reverse Gate Motors (8) 1/2 HP or (4) 1HP up to one 5HP |
| Nominal DC Input Voltage | 12V | 24V | 24V |
| Battery Size | (2) 25Ahr | (2) 50Ahr | (4) 50Ahr |
| Min DC Start Voltage | 11V | 22V | 22V |

