



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

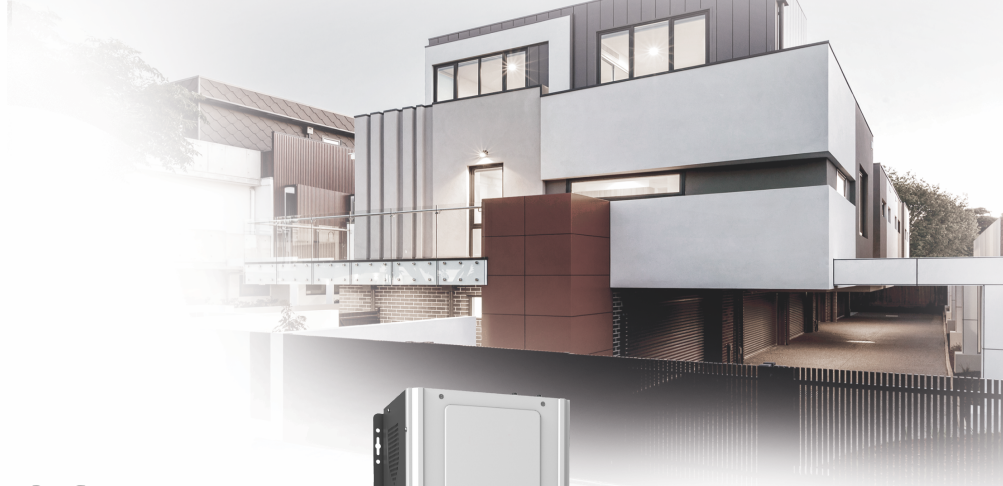
All of the models in this line feature pure sine wave output, ensuring a smooth and stable flow of power to connected devices. They also feature an ac/battery priority dip-switch function, allowing users to select whether to prioritize using AC power or battery power. Additionally, the inverters have 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.





APS INVERTER SPECS

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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 60Hz	120 VAC 60Hz	120 VAC 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 Watt/Amps	1000/8	2000/16	4000/32
Power Factor	1	1	1
Nominal Output Voltage	120 VAC 60Hz (+-.03Hz)	120 VAC 60Hz (+-.03Hz)	120 VAC 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 WATT, 16Amps	4,000 WATT, 32Amps	8,000 WATT, 64Amps
Capable of starting electric motor	Instant Reverse Gate Motors 2) 1 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) 35Ahr	(2) 50Ahr	(4) 50Ahr
Min DC Start Voltage	11V	22V	44V
Box Dimensions	H 19.687" X W 23.625" X D 9"	H 19.687" X W 23.625" X D 9"	H 31.5" X W 31.5" X D 11.812"

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