



AC Power Supply with HyInverter™ AC

Back up your AC & VFD Operators

Keep gates, doors or other 3,000W devices running in the event of AC Power loss.

Features



Quick

Quick power transfer; occurs in 1/2 AC cycle.



Installation

May be installed anywhere on the branch circuit from panel to protected device.



UPS

VFD models up to 2 hp now have the option for true Uninterruptible Power Supply (UPS).



Sine Wave

Pure sine wave output.



Soft-start

May be used with 1hp-2hp motor driven equipment equipped with soft-start controllers.



Resistive

May be used with resistive loads up to 3,000 Watts.

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Secure access under all conditions



Technical Specifications

Model	AC Power Supply w/HyInverter AC
Operators	HydraSwing; SlideDriver (15, 40, 50V2/3), SlideDriver II (SD15, SD40, SD50F, SD80V) StrongArm; StrongArm M30/M50; SwingRiser (single leaf models)
Duty Cycle	See operator
Horsepower	1 hp, or up to 2 hp HySecurity operators with Variable Frequency Drive (VFD) controller
Temperature Rating	-40° to 122° F (-40° to 50°C) Heater and fan automatically adjust cabinet temperature for optimal battery life
Input Voltage	208/230V 50/60Hz
Batteries	4 AGM batteries for extended cycles. 110Ah, 12VDC each; 5200 Wh
Communication	Modbus RTU via RS-485
User Controls	Programmable with Smart Touch Controller or SmartTouch 720/725
Enclosure	NEMA 3R. Footman loops for lifting. Heater and fan automatically adjust cabinet temperature for optimal battery life.
ETL Listed (UL 325)	ETL Listed (UL 1778)
AC Loss Signal	Dry contact output to report power failure to gate operator (50mA, 0-36VDC)
Charger	Smart charge system conditions batteries
Humidity	5% to 95% relative humidity, non-condensing
Input Power	208/230VAC, single phase, 60/50Hz switch selectable
Output Power	230V 60Hz or 220V 50Hz, 3000VA
Recharge	Fast: Minimum 6 hour recharge; 12 hours for high cycle applications.
Retrofit	Easy. Same fit and finish as existing AC powered operator
Surge Power	6000VA, 10 seconds
Warranty	2 year (system and electronics), 1 year battery



a Nice brand

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Nice/HySecurity is an industry leader of automated gate and perimeter security solutions. The HySecurity brand provides high-quality, ultra-reliable industrial gate operators and crash-rated Hostile Vehicle Mitigation (HVM) vehicle barriers designed to secure and protect critical infrastructure and facilities worldwide.

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