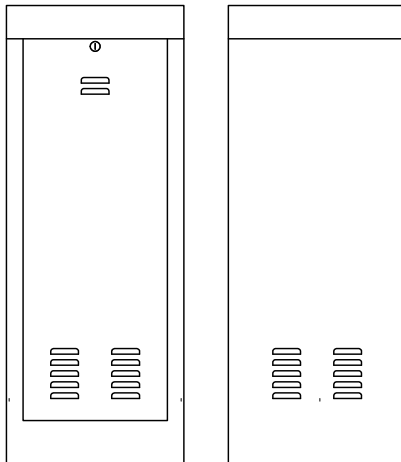


MODEL 2000 Back-Up Power / Inverter System

Continuous back-up power for vehicular gate operator systems

The model 2000 Power Inverter is designed to provide backup power for a complete access control system when primary (AC) power fails. The system acts as a power distribution panel during normal (AC) operation, and supplies back-up power to the load during power outages. This ensures a completely operable access control system and is ideal for apartment complexes, gated communities or in any other application where maintaining the access control system is critical.



Standard Features

- Maximum $\pm 5\%$ voltage regulation ($\pm 2.5\%$ typical)
- Modified sine wave output
- Frequency regulation 60 Hz $\pm 0.04\%$
- 120 VAC standard output voltage
- 30 amps maximum (3600 W model)
- Operating temperature 32°F to 140°F (0°C to 62°C)
- Forced air cooling is thermally activated
- 3-stage charging
- Temperature compensation probe included
- Charger to inverter: 32 milliseconds
- Inverter to charger: 40 seconds
- Selectable continuous operation or quick open operation
- 6 AC output branch circuits, 20 A ea
- 1-year limited warranty

Options

- 1500 W, 12.5 A maximum load
- 2400 W, 20 A maximum load
- 3600 W, 30 A maximum load
- **The model 2000 requires two (2) 12 VDC deep cycle batteries connected in series to provide a 24 VDC input to the system. Batteries are not included with this system.**

Dimensions	Shipping Weight	Output Power	Input Power
2000 18.625"W x 45.5"H x 17.25"D	225 Lbs.	1500 WATT 120 VAC, 12.5 A	115 VAC, 60 Hz, 1Ph, 30 A
		2400 WATT 120 VAC, 20 A	
		3600 WATT 120 VAC, 30 A	

STEP 1: Determine Total Watts Required		
Operator (Device) Maximum Wattage Rating		Wattage Rating
Operator (Device) 1	(Note 2, 3)	(Note 5)
Operator (Device) 2	(Note 2, 3)	(Note 5)
Operator (Device) 3	(Note 2, 3)	(Note 5)
Operator (Device) 4	(Note 2, 3)	(Note 5)
Operator (Device) 5	(Note 2, 3)	(Note 5)
Operator (Device) 6	(Note 2, 3)	(Note 5)
Total Watts Required		(Note 6)

STEP 2: Select Power Inverter		
P/N	Description	
2000-080	1500 Watt, 12.5 Amp maximum output	(Note 1, 4)
2000-081	2400 Watt, 20 Amp maximum output	(Note 1, 4)
2000-082	3600 Watt, 30 Amp maximum output	(Note 1, 4)

Notes:

(1) A maximum of six (6) operators can be powered from the Model 2000 Inverter systems, provided that the maximum wattage and amperage requirements do not exceed the power inverter ratings.

(2) Wattage ratings are typically located on the operator label. If not, use the wattage rating located on the motor label.

(3) If wattage rating cannot be found, use the formula: **P= I x E**. (P=power in watts; I=current in amps; E=voltage).

(4) The amount of time that the Model 2000 can power a system is determined by many factors including; number of operators being powered, amount of usage, amperage draw of each operator, size of batteries, wire size, wire run distance, temperature, etc.

(5) This space for you to enter the operator watts.

(6) Add the above wattage ratings to find the total watts required.