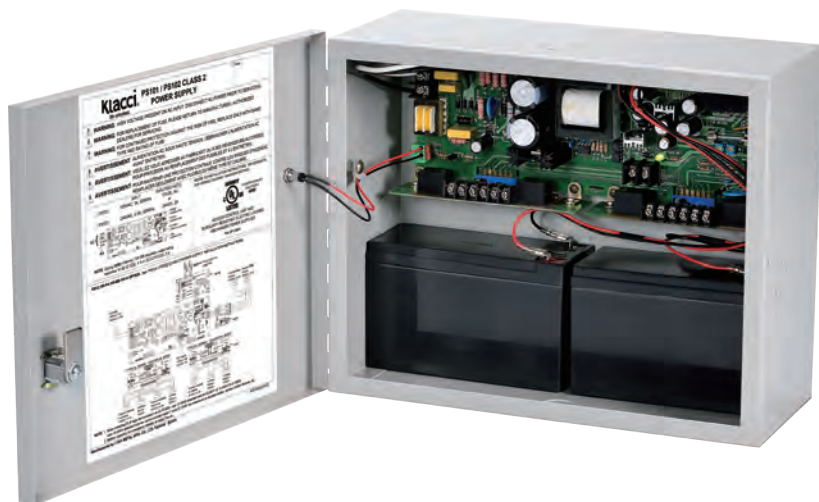


# Power Supply



## PS100

The PS100 Power Supply is applicable for wide range of electrical products. It has an option to provide key to lock the enclosure. Battery backup has two hours backup power at full load during an A.C. power failure. Batteries will automatically recharge when failed power is restored. Fire alarm provides input for a normally closed fire alarm contact. When the fire alarm contact is "open", power to locks or other component is removed. Restoring power is field selectable for automatic or manual.

### Certification

UL/cUL listed as a power supply unit class 2, UL294, UL1034 and ULC-S318 requirements.

### Specifications

- UL/cUL listed for Class 2 output.
- LED indicators for AC input, DC output and battery backup status.
- The power supply can control up to (4) delayed egress exit devices.
- Circuit breakers provide protection for motherboard.
- Standard input options:
  - 120 VAC, 1.0 Amp or
  - 240 VAC, 0.5 Amp.
- Output power:
  - 24 VDC, 2 Amp or
  - 12 VDC, 2 Amp.

- Power supply box:

10" high × 12-1/2" wide × 5" deep (254mm × 318mm × 127mm), gray with a hinged cover and constructed of heavy 20 gauge steel.

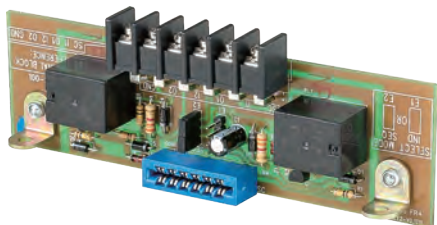
- 3 options:

- (1) Key lock.
- (2) Fire alarm.
- (3) Battery backup (2 hrs.) during AC power failure.

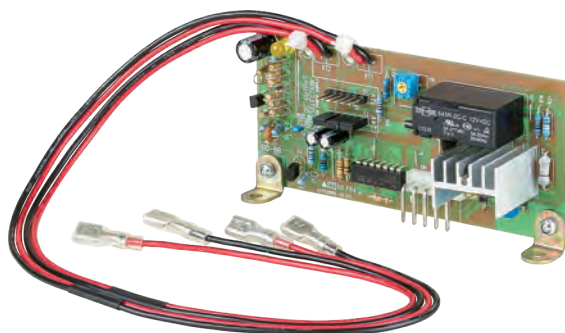
### To order

The power supply model is determined on the number of devices requiring electrical power:

PS101	Voltage 120 VAC
PS102	Voltage 240 VAC
PS101K	Voltage 120 VAC with key lock
PS102K	Voltage 240 VAC with key lock
PS101 - 2	Two (2) zone controller board
PS101 - 4	Two (2) zone controller board × 2
PS101 - FA	Fire alarm
PS101 - BB	Battery backup



100 - 2 Two (2) zone controller board



100 - BB Battery backup



100 - FA Fire alarm

## Optional Circuit Cards

The PS100 Series is available with several optional circuit cards to provide system flexibility. The power supply will accept one or a combination of any two cards.

### Maximum wire run

- 75 ft. (22 m) with 14 gauge wire and 28 gauge power transfer.
- 100 ft. (30 m) with 14 gauge wire and 24 gauge power transfer.
- 200 ft. (60 m) with 12 gauge wire and 24 gauge power transfer.

### To order

100 - 2	Two (2) zone controller board
100 - K	Key lock
100 - 101	120 VAC power supply board
100 - 102	240 VAC power supply board
100 - FA	Fire alarm
100 - BB	Battery backup
100 - AC*	Access control
100 - AL*	Alarm
100 - AO*	Auto operator
100 - SI*	Security Interlock
100 - 4TD*	Four (4) zone controller with time delay

\* Unavailable until further notice.

## Power Transfer - EPT

EPT-1 power transfer with steel housing and flexible tube. Secure and inconspicuous channel to bring power from the frame to the door. Narrow, shallow channel easily mortises into door edges. Accepts up to 3/8" (9.5mm) diameter wire bundle. Accommodates doors that swing open 120 degrees. Unit is concealed when the door is closed. Suitable for wood, aluminum or steel door applications.

EPT-2 Armored flex conduit. Accepts up to 1/4" (6.4mm) diameter wire bundle.

### To order

Specify EPT-1.  
Specify EPT-2.



EPT-1



EPT-2