

## 515 Series Power Supply



**515 Series**

The 515 Series Power Supply provides the greatest current output in the Locknetics line of power supplies. Select from 10amp @ 12VDC or 5amp @ 24VDC. The 515 is UL listed, filtered and regulated, with a built-in battery-charging unit.

The 515 Series features modular electronics which offer flexibility, ease and convenience to power electronic locking systems. Plug-in dual control modules can be added for independent control of up to twelve (12) zones. Each dual control module (DCM) can provide control for two independent zones. Up to three dual control modules can plug into a control module rack (CMR) and up to two control module racks can fit into a 515 power supply. A plug-in adjustable relock time delay module (TDM) is available with a 0 to 30 second delay. It plugs onto each zone of the dual control module to provide up to twelve TDM's in each power supply, and an emergency interface relay (EIR) module plugs into the main circuit board to provide interface with approved fire or other emergency systems. A signal from the emergency system will automatically and instantly unlock all locks connected to the power supply. All of the modules – DCM, CMR, TDM and EIR – can be easily configured in the factory or in the field.

Standby battery power may also be added to the 515 Series

power supply at the factory or in the field. A Standby Battery Enclosure (SBE) is available which holds up to eight (8) batteries. Each standby battery kit (SBP2) contains two batteries, which provide 4amp/hr at 24VDC and 8amp/hr at 12VDC.

In some installations it may be required by code that the locking device (fail-safe type) be immediately unlocked upon actuation of an approved fire emergency system. Whenever this installation is required use the Emergency Interface Relay (EIR) and check with the authority having jurisdiction for approval of the proposed system hookup.

To select the proper power supply, be sure to supply sufficient current output. See the current capacity for Locknetics locking devices on page H7. Select the options required, which are outlined on pages H9 and H10, and determine standby battery power requirements shown on page H8.

## 515 Series Power Supply Specifications



**SBE**



**SBP2**

### ELECTRICAL

<b>INPUT POWER*</b>	110VAC 60HZ 2amp
<b>OUTPUT VOLTAGE</b>	12VDC Nominal (13.8VDC) 24VDC Nominal (27.6VDC) Filtered and Regulated
<b>OUTPUT CURRENT</b>	10amp max. @ 13.8VDC 5amp max. @ 27.6VDC
<b>PRIMARY FUSE SIZE</b>	6.3amp (non-removable)
<b>BATTERY FUSE SIZE</b>	12amp, 3AG
<b>SECONDARY CIRCUIT</b>	Output overload protected by the regulator circuit
<b>CHARGING CIRCUIT</b>	Built-in standard

\* E versions available for environments which require 220VAC, 60HZ input power. Call Factory for details.

### MECHANICAL

<b>ENCLOSURE</b>	12"x12"x4" Steel NEMA Grade 1 with conduit knockouts and hinged cover with lock down screws
<b>COLOR/FINISH</b>	Beige/baked enamel
<b>WEIGHT (Power Supply)</b>	9 lbs.
<b>INPUT TERMINALS</b>	Barrier strip with (2) #6 screw terminals with protective cover (1) #10 ground screw
<b>OUTPUT TERMINALS</b>	Barrier strip with (10) #6 screw terminals (basic unit only)

### DESCRIPTION OF OPERATIONS

With line power applied, a green LED on the circuit board will be illuminated. This indicates constant power on the output terminals. When batteries are included power may be present on output terminals with the green LED illuminated and no line power present. When line power is present the built-in recharging circuit will keep the batteries charged.