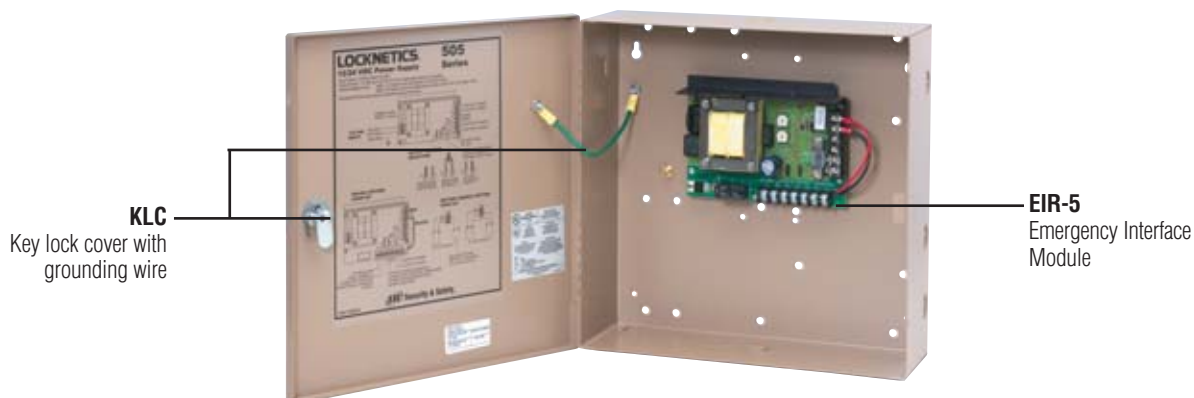


505 Series Power Supply



505 Series

Locknetics provides modular power supplies, designed to make it easy and cost effective to power electrical locking systems. The 500 Series Power Supplies are available in three models each UL Listed as a General Purpose Power Supply. The 505, 510 and 515 Series all feature low voltage DC, regulated, filtered power supplies with a built in battery charging circuit. Each is designed to provide easy system interface with Locknetics locking devices, station controls and consoles.

A NEMA Grade 1 approved enclosure is universal throughout the line, measuring 12"x12"x4". The 500 Series provides a built in battery charging circuit as a standard feature. Standby battery packs are optional and can be added in the field. Additional information on standby battery power is available on page H8.

The 505 model provides 1 amp of output current at 12 and 24 volts. Output voltage is field selectable by moveable jumpers. It is UL Listed, filtered and regulated, with a built in battery charging circuit.

Standby battery kits (SBP1 or SBP2) may also be added to the 505 Series power supply at the factory or in the field. See page H9 for recommended battery power to meet specific job requirements. A key lock cover, power line cord and emergency interface relay module (EIR-5) are available as factory installed options.

To provide the proper power supply, be sure to select sufficient output current. See the current Capacity Chart for Locknetics locking devices on page H7. Select options required, outlined on pages H6 and H7, and determined standby battery power requirements shown on page H8.

505 Series Power Supply

Specifications



505 KLC EIR-5



SBP2



EIR-5

ELECTRICAL

INPUT POWER* OUTPUT VOLTAGE

120VAC 60HZ 5amp
12VDC Nominal (13.8VDC)
24VDC Nominal (27.6VDC)
Field Selectable

OUTPUT CURRENT PRIMARY FUSE SIZE BATTERY FUSE SIZE SECONDARY PROTECTION

Filtered and Regulated
1amp @ rated voltage
800mA, 5 x 20mm
2amp, 3AG
Output overload protected
by the regulator circuit

CHARGING CIRCUIT

Built-in standard

* E versions available for environments which require
220VAC, 50/60HZ input power. Call Factory for details.

MECHANICAL

ENCLOSURE

12" x12" x 4 steel NEMA
Grade 1 with conduit knockouts
& hinged cover with lock down screws
Beige/baked enamel

COLOR/FINISH

WEIGHT (Power Supply)

8.0 lbs.

WEIGHT (Each battery)

4.0 lbs.

INPUT TERMINALS

Barrier strip with (2) #6 screw
terminals and Protective cover and
1 #10 ground screw

OUTPUT TERMINALS

Barrier strip with (6) #6 screw terminals

DESCRIPTION OF OPERATIONS

Output voltage is field selectable by moveable jumpers. With
line power applied, a green LED on the circuit board will be
illuminated. When line power is present the built-in recharging
circuit will keep the batteries charged.