



Overview

The unit is designed for Fastlane optical turnstiles and features a black mild steel enclosure for up to four switched-mode power supply modules (UL File No. E333418). It is available in configurations of one, two, or four modules, tailored to the number of motorized pedestals. Connections to the power supply unit can be made via direct conduit using either the metric or imperial apertures or provided cable glands.

UL Compliance Requirements

Fastlane turnstiles use remotely located PSUs for safety, with each barrier requiring a dedicated 60W 24V power module. These PSUs, part of the Fastlane brand's CE certification, must not be installed inside pedestals.

To comply with UL standards, the unit must:

- Be wall-mounted with cable entry from the top of the unit
- Be installed in a dry location, no exposure to liquid, vapor, or rain

Be connected one of two ways:

- Permanently to the building wiring via a 16A protection device which is readily accessible
- Via a power cord which must not be attached to any surface or run through walls, ceilings, or floors and positioned as close as possible to the socket outlet
- Have the PE terminal connected to a non-fused Earth

FASTLANE POWER SUPPLY TECHNICAL SPECIFICATIONS

Dimensions (L x W x H in inches)	12.8 x 7.8 x 5.3
Connection to Fastlane	<ul style="list-style-type: none"> ■ Low voltage cables required to connect to Fastlane ■ Connection to CAT 5 Interface Board or Fastlane CPU card
Cabling recommendation	1.5 mm ² cross sectional area for cable lengths of up to 50 ft (15m)
Operating voltage	100 - 240 V AC
Current	5 A max
Frequency	50 - 60 H
Fittings	2 x M10 fittings (fixed-only)
Output	24 V DC (25.5 V @ 2.4 A Max) per module
Fuse	5 amp time delay/ slow blow (UL recognized)
Operating Temperature Range	14 °F - 104 °F (-10 °C - 40 °C)
Earth Connection	Required (unfused)

*Due to continuous improvements, specifications are subject to change without prior notice.

Accessories

Fastlane[®] UL Recognized Power Supply

Energy efficiency for Fastlane turnstiles

Fastlane UL Recognized Power Supply provides localized power to Fastlane turnstiles while maintaining a high standard of environmental awareness.

Sustainability

- LEED Preferred Manufacturing
- Low Voltage/Low Power Consumption
- ISO 14001:2015 Accreditation

