

FLX Series Power Distribution Units

120V Single Phase 2.0 kW & 3.0 kW Output

APPLICATION

Leviton's FLX Series PDUs provide reliable power distribution into racks and cabinets with output power ranging from 2.0 kW to 12.5 kW. Metered units include a Smart Meter Technology display showing voltage, amperage, and wattage for the total PDU and for each individual branch (3-phase units). FLX Series PDUs are available in a wide selection of input plugs and output receptacles meeting both NEMA and IEC standards. All PDUs include UL-rated breakers for branch circuit protection. The 70" PDUs mount vertically in racks or cabinets, and feature data center quality design and construction.



SPECIFICATION

The power distribution unit shall supply a minimum of 2.0 kW of output power when supplied with 5-20P or L5-20P input plug and 3.0 kW of output power when supplied with L5-30P input plug. PDU shall be supplied with 5-20R output receptacles. Metered units shall include a display that senses and corrects the display orientation depending on the physical orientation of the PDU housing. Metered units shall display amps, volts, and watts.

FEATURES

- Smart Meter Technology displays amp, volts, and watts
- Gravity sensor detects PDU orientation and auto-inverts display
- Input plug options include locking and straight-blade
- Output receptacles include NEMA 5-20R

COUNTRY OF ORIGIN

United States

DESIGN CONSIDERATIONS

- 2.0 kW of output power (5-20P & L5-20P input plug)
- 3.0 kW of output power (L5-30P input plug)
- 16 A continuous input current (5-20P & L5-20P input plug)
- 24 A continuous input current (L5-30P input plug)
- Amperage and wattage accuracy: $\pm 5\%$
- Voltage accuracy: $\pm 2\%$
- Type DP cords included for NEC 645 compliance

MECHANICAL SPECIFICATIONS

Dimensions: 70" H x 2.3" W x 2.4" D*
 *Add an additional 1" of depth at base for circuit breaker housing

Housing Material: 18-gauge cold-rolled steel

ELECTRICAL SPECIFICATIONS

OUTPUT

Capacity: 2.0 kW, 16 A Total (5-20P/L5-20P plug)
 3.0 kW, 24 A Total (L5-30P plug)

Frequency: 60 Hz

Voltage: 120 V

Overload Protection: 2.0 kW: One UL1077 20 A single-pole circuit breaker
 3.0 kW: Two UL489 20 A double-pole circuit breakers

Outlet Quantity & Type: see part number table on page 2

INPUT

Voltage: 120 V single phase

Max. Input Current: 16 A (5-20P/L5-20P plug)
 24 A (L5-30P plug)

Input plug: see part number table on page 2

STANDARDS COMPLIANCE

cULus listed 60950-1 | #E228302

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature: 0 °C to 50 °C
 (32 °F to 122 °F)

Storage Temperature: -10 °C to 70 °C
 (14 °F to 158 °F)

Relative Humidity: 0% to 90%, non-condensing

WARRANTY INFORMATION

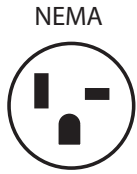
Go to www.leviton.com/warranty

FM106-xxS, FM10x-xxL

PART NUMBERS			
Receptacle Quantity & Type	Input Plug	Metered Part Number*	Basic Part Number
(24) 5-20R	5-20P	FM106-10S	n/a
(24) 5-20R	L5-20P	FM107-10L	n/a
(24) 5-20R	L5-30P	FM105-10L	n/a

* FLX PDUs are available with a cord length of 3-15 feet in 1 foot increments. The default cord length is 10 feet. To order a different cord length, simply replace the 10 with the desired length. For example: FM380-15L

INPUT PLUG OPTIONS



5-20P 120 V



L5-20P 120 V



L5-30P 120 V

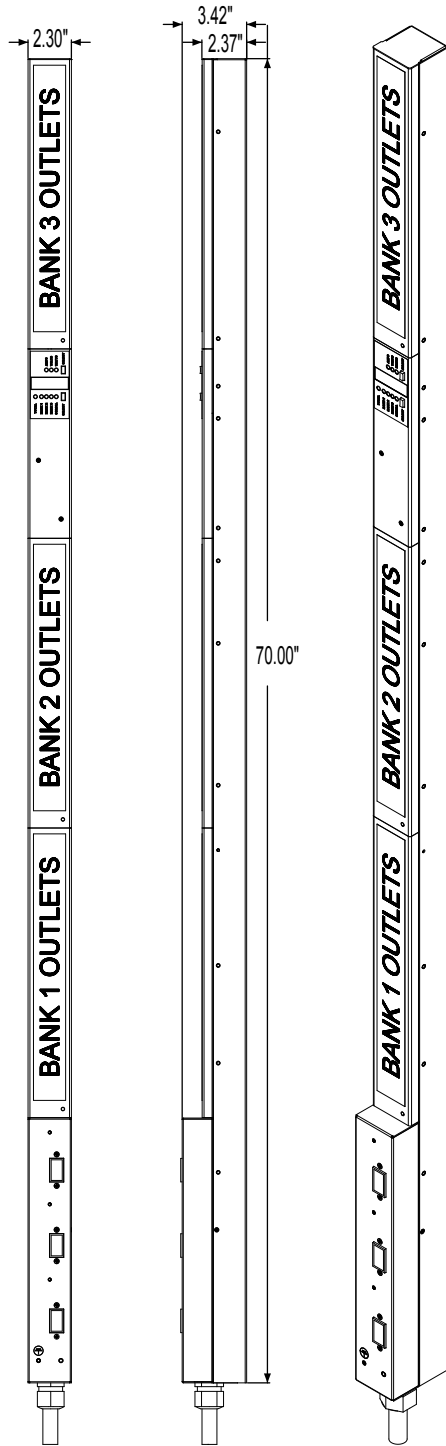
OUTPUT RECEPTACLE OPTIONS



5-20R 120 V

ELECTRONIC FILES

For CAD files, typical specs, or technical drawings (.DXF, .DWG), visit www.leviton.com.



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