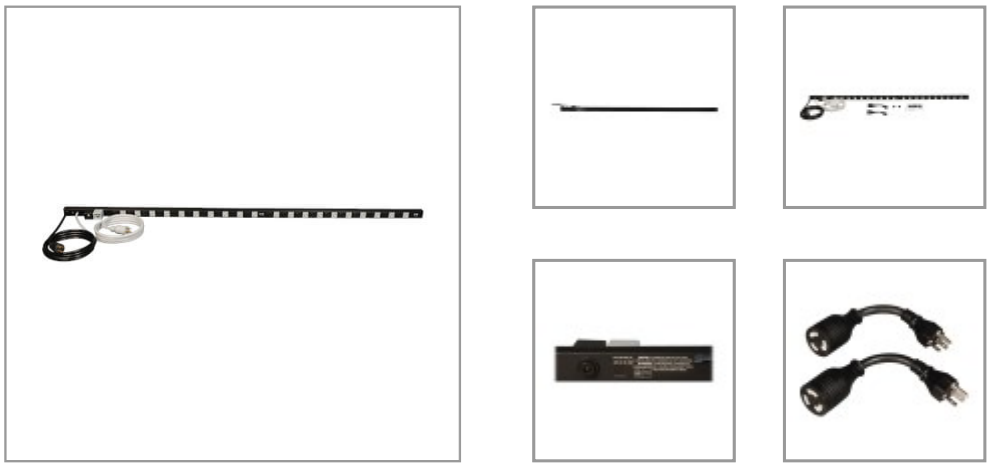
3.8kW Single-Phase Dual-Circuit 120V Basic PDU, 40 NEMA 5-15/20R Outlets, NEMA L5-20P/5-20P Inputs, 10 ft. (3.05 m) Cords, 0U

MODEL NUMBER: **PDU40TDUAL**



Dual-circuit PDU ideal for delivering 120V single-phase AC power to servers and networking equipment with dual redundant power supplies or any application that requires high capacity in a compact form factor.

Highlights

- Functions as 2 independent 16A PDUs in one housing
- Dual NEMA L5-20P/5-20P inputs with 10-ft. (3.05 m) cords
- 40 NEMA 5-15/20R outlets in 2 separate circuits
- Switchless design prevents accidental shutdown
- Supports toolless 0U vertical button-mounting

Package Includes

- PDU40TDUAL 3.8kW Single-Phase Dual-Circuit 120V Basic PDU
- (2) NEMA L5-20P to NEMA 5-20P Plug Set Adapters
- Mounting Hardware
- Owner's Manual

Description

The PDU40TDUAL 3.8kW Single-Phase Dual-Circuit 120V Basic PDU works as two independent PDUs in a single housing, perfect for networking, telecom, security, audio/video and sound reinforcement applications. Ideal for high-density network equipment with dual redundant input cables, it features 40 NEMA 5-15/20R outlets split evenly into two separate power circuits.

Each power circuit, including its input plug, power cord, breaker and outlets, is color-coded black or gray for easy identification. Both 10-ft. (3.05 m) power cords feature NEMA L5-20P input plugs and come with optional adapters to convert them to NEMA 5-20P plugs, which are not color-coded. Connect the plugs to separate mains input power sources, generators or protected UPS systems to distribute AC power to connected equipment.

The switchless design prevents an accidental shutdown, which could lead to costly downtime. Dual 20A circuit breakers protect connected equipment from dangerous overloads. The 70-inch all-metal housing supports toolless 0U vertical mounting in EIA-standard 19-inch racks, as well as on a wall or workbench or under a counter with user-supplied hardware.

Features

Dual Single-Phase rack PDU (rPDU) in a Single Housing

- Ideal for high-density network equipment with dual redundant input cables
- 40 NEMA 5-15/20R outlets in 2 breakered power circuits
- 70 in. all-metal housing

Dual Input Connectors

- NEMA L5-20P input plugs with 10-ft. (3.05 m) cords
- Included adapters convert plugs to NEMA 5-20P, if desired
- Plugs connect to separate external AC power sources

Dual Independent Power Circuits

- Circuits include input plug, power cord, circuit breaker and outlets

- Color-coded black or gray for easy identification
- 20A circuit breakers protect outlets against overloads

Switchless Design
- Prevents accidental shutdowns and costly downtime

Versatile Installation Options
- Supports toolless 0U vertical mounting in EIA-standard 19 in. racks
- Also mounts on wall, workbench or under a counter with user-supplied hardware

Specifications

OVERVIEW	
UPC Code	037332128409
PDU Type	Basic
INPUT	
Input Phase	Single-Phase
PDU Input Voltage	120
Recommended Electrical Service	Two single-phase 20A 120V circuits
Maximum Input Amps	16
Maximum Input Amps Details	20A maximum per circuit (Agency de-rated to 16A per circuit continuous)
Input Connection Type	NEMA 5-20P; NEMA L5-20P
PDU Plug Type	NEMA 5-20P; NEMA L5-20P
Input Cord Details	Set of two input power cords; Grey-color input cord powers grey-color outlets; Black-color input cord powers black-color outlets
Input Cord Length (ft.)	10
Input Cord Length (m)	3.05
OUTPUT	
Output Capacity Details	3.8kW total - 1.9kW per circuit (120V); 32A maximum total (16A maximum per circuit); 16A max per 5-15/20R outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacle Details	20 grey-color outlets are powered via the grey-color input cable; 20 black-color outlets are powered via the black-color input cable
Output Receptacles	(40) 5-15/20R
Output Nominal Voltage	120V
Overload Protection	Two 20A circuit breakers; Grey-color circuit breaker protects grey-color outlets; Black-color circuit breaker protects black-color outlets
SURGE / NOISE SUPPRESSION	

Automatic Shut-Off	No
PHYSICAL	
Material of Construction	Aluminum
Rack Height	0U
Form Factors Supported	Zero U vertical rackmount, wallmount, raceway, workbench and more
PDU Form Factor	Vertical (0U)
Shipping Dimensions (hwd / in.)	2.40 x 4.80 x 72.44
Shipping Dimensions (hwd / cm)	6.10 x 12.19 x 184.00
Shipping Weight (lbs.)	9.31
Shipping Weight (kg)	4.22
Unit Dimensions (hwd / in.)	70.240 x 1.500 x 3.340
Unit Dimensions (hwd / cm)	178.41 x 3.81 x 8.48
Unit Weight (lbs.)	8.16
Unit Weight (kg)	3.70
ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	-22° to 122°F (-30° to 50°C)
Relative Humidity	5% to 95% non-condensing
Operating Elevation	0-10000 ft. (0-3000 m)
STANDARDS & COMPLIANCE	
Product Certifications	CAN/CSA-C22.2 No. 60950-1 (Canada); NOM (Mexico); UL 60950-1
Product Compliance	RoHS
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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