

## 1.6/3.8kW Single-Phase 100–240V Basic PDU, 14 Outlets (12 C13 & 2 C19), C20 16A Input, 1U Rack-Mount

MODEL NUMBER: **AL-84047**



### Highlights

- C20 inlet accepts wide variety of user-supplied power cords
- 14 total outlets—8 rear C13, 2 rear C19 and 4 front C13
- Switchless design prevents accidental shutdown
- Reversible all-metal housing
- Installs in rack, on wall or under counter

### Package Includes

- AL-84047 1.6/3.8kW Single-Phase 100–240V Basic PDU
- Mounting hardware
- Owner's manual

### Description

The AL-84047 1.6/3.8kW Single-Phase 100–240V Basic PDU is the perfect no-frills unit for networking, telecom, security, audio/video and sound reinforcement applications. Perfectly suited for high-density IT environments, the AL-84047 features a single load bank with 14 total outlets—eight rear C13, two rear C19 and four front C13. The C20 inlet accepts a variety of user-provided power cords that connect to your facility's compatible AC power source, generator or protected UPS to distribute power to connected equipment.

The switchless design prevents an accidental shutdown, which could lead to costly downtime. Dual 16A circuit breakers protect connected equipment from dangerous overloads. The reversible all-metal housing mounts in 1U of space in EIA-standard 19-inch racks, as well as on a wall or workbench or under a counter. With a compatible rack and AL-84061 accessory(sold separately), you can adapt the AL-84047 for vertical 0U rack-mounting.

### Features

#### Reliable Single-Phase Power Distribution

- Ideal no-frills PDU for networking, telecom, security, audio/video and sound reinforcement applications
- 14 total outlets—8 rear C13, 2 rear C19 and 4 front C13—in one load bank
- Built-in 16A circuit breakers protect outlets against overloads
- C20 inlet accepts wide variety of user-supplied power cords
- Rear-panel grounding lug

#### Switchless Design

- Prevents accidental shutdowns and costly downtime

#### Versatile Installation Options

- Mounts horizontally in 1U of EIA-standard 19 in. 2- and 4-post racks
- Reversible all-metal housing faces front or rear in rack
- Ready for toolless 0U vertical installation with optional AL-84061 (sold separately)

- Also mounts on wall, workbench or under a counter

## Specifications

OVERVIEW	
PDU Type	Basic
OUTPUT	
Output Capacity Details	3.84kW (240V), 3.68kW (230V), 3.52kW (220V), 3.33kW (208V), 3.2kW (200V), 2.03kW (127V), 1.92kW (120V), 1.6kW (100V) / 16A total capacity; 16A max per C19 outlet; 12A (10A CE) max per C13 outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(12) C13; (2) C19
Output Nominal Voltage	100-240V nominal, single phase
Overload Protection	16A circuit breaker
INPUT	
PDU Input Voltage	100; 120; 127; 200; 208; 220; 230; 240
Recommended Electrical Service	20A 120V; 20A 208/240V; 16A 230V
Maximum Input Amps	16
PDU Plug Type	IEC-320 C20
Input Cord Details	C20 inlet accepts user supplied input cable with C19 output connection
Input Phase	Single-Phase
USER INTERFACE, ALERTS & CONTROLS	
Switches	No power switch
PHYSICAL	
Minimum Required Rack Depth (inches)	7.8
Minimum Required Rack Depth (cm)	19.7
Shipping Dimensions (hwd / in.)	2.1 x 20.6 x 9.3
Shipping Dimensions (hwd / cm)	5.3 x 52.3 x 23.6
Shipping Weight (lbs.)	3.7
Shipping Weight (kg)	1.67
Unit Dimensions (hwd / in.)	1.75 x 17.5 x 4.25
Unit Dimensions (hwd / cm)	4.4 x 44.5 x 10.8
Unit Weight (lbs.)	3.2

Unit Weight (kg)	1.45
Material of Construction	Metal
Form Factors Supported	1U rackmount, 0U vertical rackmount, wall-mount and undercounter installation supported
PDU Form Factor	Horizontal (1U, 2U, etc)
Outlets Measurement (Center to Center)	Distance between Front (C13) outlets = 28.75mm; Distance between Rear (C19) outlets = 55mm; Distance between Rear (C13) outlets = 28.75mm
<b>ENVIRONMENTAL</b>	
Storage Temperature Range	5 to 122F (-15 to 50C)
Relative Humidity	5-95% non-condensing
Operating Elevation (ft.)	0-10,000
Operating Elevation (m)	0-3000
<b>SPECIAL FEATURES</b>	
TVSS Grounding	Back panel grounding lug
<b>CERTIFICATIONS</b>	
Certifications	Tested to UL60950-1 (USA) and CAN/CSA C22.2 No. 60950-1-03 (Canada), CE (Europe)
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	5-year limited warranty

