Vertiv[™] PowerIT rPDU



OVERVIEW

Upgradeable Metered rPDUs provide reliable power distribution to critical IT equipment within a rack or cabinet while delivering a view of real-time view of power usage from a local LED display.

Benefits

- With the Geist Upgradeable hot-swap technology, users may easily transform metered rPDUs to monitored rPDUs with the addition of the appropriate Interchangeable Monitoring Device (IMD).
- Avoid accidental overloads when deploying or moving critical server equipment with instant access to power consumption metrics on the local digital display.
- Every unit is 100% tested for reliability and functionality.
- Simple and convenient configuration options for cord lengths and chassis colors.

Part #: 110491

Model Number: MN01DGW1-30CF18-5CS15A0A10-S-A Category: Metered Sub Category: Upgradeable Power Configuration: 50A, 208V DELTA, 14.4kW Physical Configuration: 70in / 1778mm, Vertical

Product Summary:

rPDU, Metered Upgradeable, 50A, 208V DELTA, 14.4kW, Vertical, (30) Combination C13/C19, 10ft power cord with 3P+E CA, Black Powder Coat.

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Monitoring:

Input Phase and Circuit/Breaker current monitoring. Local high visibility LED display.

Plug Form:





Receptacle:

3P+E CA

Combination C13/C19 (Quantity: 30)

Chassis Color Options:



To discuss color options, contact your local sales representative.

Product Specification and Options

System Features

Monitoring

Input Phase and Circuit/Breaker current monitoring. Local high visibility LED display.

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Monitoring Level 1	Aggregate - Total Unit Monitoring (kWh, W, VA, PF)
	Power Measurements Compliant with ANSI C12.1 and IEC 62053- 21 at 1% Accuracy Class Requirements
Monitoring Level 2	Phase (AB, BC, CA) Monitoring (kWh, W, VA, PF, V, A) Line (A,B,C) Monitoring (A)
	Power Measurements Compliant with ANSI C12.1 and IEC 62053- 21 at 1% Accuracy Class Requirements
Monitoring Level 3	Circuit / Breaker Monitoring (A)
	Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy
Quantity Of Inputs	1
Voltage	200-240V Delta
Current	50A x 3 Phase DELTA
VA per Input (Load Capacity)	14.4kW (208V)
Frequency	50/60Hz
Over Current Protection	(6) 20A Double Pole Magnetic Breakers (10kAIC Rated)
Switch	Breaker/Switch Combination
Scrolling / Rotatable Digital Display	Yes
Power Cable Wire Gauge	6/4
Power Cable Length	10ft / 3m
Power Entry Location	Bottom Front
Plug Type	California Style 50A, 250V, 3P/4W Twistlock
Receptacle/Socket Type #1	Combination C13/C19
- Quantity on Face	30
- Quantity on Face - Quantity per Breaker	30 5
- Quantity per Breaker	5
- Quantity per Breaker - Quantity per Phase Combination	5 10 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light
- Quantity per Breaker - Quantity per Phase Combination - Circuit Color ID	5 10 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue
- Quantity per Breaker - Quantity per Phase Combination - Circuit Color ID - Style	5 10 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue Banks of 6
- Quantity per Breaker - Quantity per Phase Combination - Circuit Color ID - Style - Voltage per Receptacle/Socket	5 10 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue Banks of 6 208V
- Quantity per Breaker - Quantity per Phase Combination - Circuit Color ID - Style - Voltage per Receptacle/Socket Internal RMS Voltage Sensor	5 10 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue Banks of 6 208V Yes
- Quantity per Breaker - Quantity per Phase Combination - Circuit Color ID - Style - Voltage per Receptacle/Socket Internal RMS Voltage Sensor Internal RMS Current Sensor	5 10 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue Banks of 6 208V Yes Yes
 - Quantity per Breaker - Quantity per Phase Combination - Circuit Color ID - Style - Voltage per Receptacle/Socket Internal RMS Voltage Sensor Internal RMS Current Sensor Maximum Operating Temperature 	5 10 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue Banks of 6 208V Yes Yes 60C / 140F
 - Quantity per Breaker - Quantity per Phase Combination - Circuit Color ID - Style - Voltage per Receptacle/Socket Internal RMS Voltage Sensor Internal RMS Current Sensor Maximum Operating Temperature Heavy Steel - Powder Coat Finish 	5 10 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue Banks of 6 208V Yes Yes 60C / 140F Black
 - Quantity per Breaker - Quantity per Phase Combination - Circuit Color ID - Style - Voltage per Receptacle/Socket Internal RMS Voltage Sensor Internal RMS Current Sensor Maximum Operating Temperature Heavy Steel - Powder Coat Finish Configuration 	5 10 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue Banks of 6 208V Yes 60C / 140F Black Zero U
 - Quantity per Breaker - Quantity per Phase Combination - Circuit Color ID - Style - Voltage per Receptacle/Socket Internal RMS Voltage Sensor Internal RMS Current Sensor Maximum Operating Temperature Heavy Steel - Powder Coat Finish Configuration 7938 Vertical Mounting Bracket Kit Toolless Mounting Hardware - Center to Center 	5 10 10 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue Banks of 6 208V Yes Yes 60C / 140F Black Zero U Yes
 Quantity per Breaker Quantity per Phase Combination Quantity per Phase Combination Circuit Color ID Style Voltage per Receptacle/Socket Internal RMS Voltage Sensor Internal RMS Current Sensor Maximum Operating Temperature Heavy Steel - Powder Coat Finish Configuration 7938 Vertical Mounting Bracket Kit Toolless Mounting Hardware - Center to Center Spacing 	5 10 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue Banks of 6 208V Yes Yes 60C / 140F Black Zero U Yes 61.25in and 64.75in / 1556mm and 1645mm
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 Quantity per Breaker Quantity per Phase Combination Quantity per Phase Combination Circuit Color ID Style Voltage per Receptacle/Socket Internal RMS Voltage Sensor Internal RMS Current Sensor Maximum Operating Temperature Heavy Steel - Powder Coat Finish Configuration 7938 Vertical Mounting Bracket Kit Toolless Mounting Hardware - Center to Center Spacing Country of Origin Product Warranty 	5 10 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue Banks of 6 208V Yes 60C / 140F Black Zero U Yes 61.25in and 64.75in / 1556mm and 1645mm USA, TAA Compliant and Buy American Act COTS Compliant 5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years
 Quantity per Breaker Quantity per Phase Combination Quantity per Phase Combination Circuit Color ID Style Voltage per Receptacle/Socket Internal RMS Voltage Sensor Internal RMS Current Sensor Maximum Operating Temperature Heavy Steel - Powder Coat Finish Configuration 7938 Vertical Mounting Bracket Kit Toolless Mounting Hardware - Center to Center Spacing Country of Origin Product Warranty Certification/Agency Approvals 	5 10 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue Banks of 6 208V Yes 60C / 140F Black Zero U Yes 61.25in and 64.75in / 1556mm and 1645mm USA, TAA Compliant and Buy American Act COTS Compliant 5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years UL & c-UL Listed 62368-1

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Chassis Dimensions (LxWxD)

70in x 2.10in x 3in / 1778mm x 54mm x 76mm

Shipped Weight

32lbs (14.51kg)

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