

## 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 #: GI10020L

**Model Number:** MG01D4B1-12L193-3PS56B2A10-S

**Category:** Metered

**Sub Category:** Upgradeable

**Power Configuration:** 32A, 230/400V WYE, 22.0kW

**Physical Configuration:** 66in / 1683mm, Vertical

### Product Summary:

rPDU, Metered Upgradeable, 32A, 230/400V WYE, 22.0kW, Vertical, (12) Locking IEC C19, 3m power cord with 3P+N+E (IP44), Black Powder Coat.

### Monitoring:

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

### Plug Form:



3P+N+E (IP44)

### Receptacle:



Locking IEC C19  
(Quantity: 12)

### 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.

#### 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

<b>Monitoring Level 2</b>	Phase (A, B, C) Monitoring (kWh, W, VA, PF, V, A)  Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements
<b>Monitoring Level 3</b>	Circuit / Breaker Monitoring (A)  Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy
<b>Quantity Of Inputs</b>	1
<b>Voltage</b>	200-240/346-415V WYE
<b>Current</b>	32A x 3 Phase WYE
<b>VA per Input (Load Capacity)</b>	22.0kW (230V)
<b>Frequency</b>	50/60Hz
<b>Over Current Protection</b>	(6) 16A Single Pole Magnetic Breakers
<b>Switch</b>	Breaker/Switch Combination
<b>Scrolling / Rotatable Digital Display</b>	Yes
<b>Power Cable Wire Gauge</b>	6mm <sup>2</sup> H07RN-F
<b>Power Cable Length</b>	10ft / 3m
<b>Power Entry Location</b>	Bottom Front
<b>Plug Type</b>	IEC60309 3P + N + E, 32A, 230/400V, Splashproof IP44
<b>Receptacle/Socket Type #1</b>	U-Lock IEC C19
<b>- Quantity on Face</b>	12
<b>- Quantity per Breaker</b>	2
<b>- Quantity per Phase</b>	4
<b>- U-Lock Color ID</b>	6 Circuit = Orange, Light Orange, Green, Light Green, Blue, Light Blue
<b>- Style</b>	Individual
<b>- Voltage per Receptacle/Socket</b>	230V
<b>Internal RMS Voltage Sensor</b>	Yes
<b>Internal RMS Current Sensor</b>	Yes
<b>Maximum Operating Temperature</b>	60C / 140F
<b>Heavy Steel - Powder Coat Finish</b>	Black
<b>Configuration</b>	66in / 1683mm Vertical Rackmount
<b>7938 Vertical Mounting Bracket Kit</b>	Yes
<b>Toolless Mounting Hardware - Center to Center Spacing</b>	1556mm and 1645mm
<b>Product Warranty</b>	5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years
<b>Certification/Agency Approvals</b>	CE Marked
<b>Certification/Agency Approvals</b>	UKCA Marked
<b>Certification/Agency Approvals</b>	Complies with IEC 62368-1 (DOC Available)
<b>Certification/Agency Approvals</b>	Complies with EN 55032 and EN 55035
<b>Certification/Agency Approvals</b>	RoHS Compliant
<b>Certification/Agency Approvals</b>	C <sub>e</sub> Mark
<b>Certification/Agency Approvals</b>	RCM Mark (EMC Only)

<b>Certification/Agency Approvals</b>	China RoHS
<b>Chassis Dimensions (LxWxD)</b>	1683mm x 51mm x 58mm
<b>Shipped Weight</b>	17lbs (7.71kg)