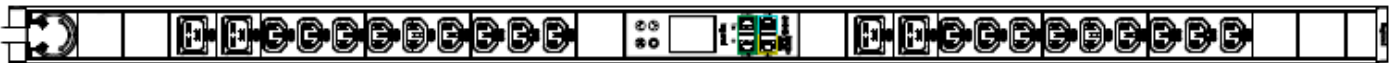


## Technical Specifications / Engineering Submittals

Legrand Model Number: 646012

rev20200226

### LINE DRAWING



### FEATURES

Energy Metering	Voltage (V), Current (A), Active Power (kW), Real Power (kVA), Energy (kWh), Power Factor
Metering Accuracy	ISO/IEC 62053-21 1%
Metering per Input Line	Yes
Metering per Branch Circuit Breaker	No
Metering per Output Receptacle	No
Remote Outlet Switching	No
Environmental Sensor Ready	Yes
Replaceable Controller	No
Compatible Sensors	Temperature, Humidity, Air Flow, Differential Pressure, Water Leak, and Contact Closure
Networking	Two (10/100 BaseT) Ethernet ports. Optional WiFi (802.11a/b/g/n)
Remote Management	HTTP(s); SSH; Telnet; RS-232 (Serial); Power IQ; SNMP version v2/v3; SMTP; JSON-RPC
Cascading	Yes, Max 16 PDUs can be daisy chained using a single Ethernet or USB connection
Onboard Display	Color, matrix LCD display : Voltage, current, or active power (per line); Alarms; Configuration information (name, ratings, IP / Networking information); Auto-flip orientation
Embedded Processor	ARM Cortex A5 500MHZ (Atmel A5D21C), 16MB SPI Flash, 64MB DDR2 RAM





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### INPUT

Input Plug	IEC60309 16A (2P3W)
Cord Length	3 meters (9.84 feet) standard
Cord Entry	Bottom-front feed
Cable Type	IP44("splashproof")
Number of Power Cords	1
Maximum Input Current	16A
Nominal Input Voltage	230V, Single phase
Rated Input Voltage	200-240V
Input Frequency	50/60Hz
Power Capacity	3.2kVA at 200V, 3.8kVA at 240V

### OUTPUT

Nominal Output Voltage	230V
Rated Output Voltage	200-240V
Receptacles (Output Connections)	(18) C13, 10A (4) C19, 16A
Securelock Support	Yes
Cord Retention	Yes
Overload Protection	N/A

### PHYSICAL

Color	Silver, Aluminum anodized
Unit Dimensions (WxDxH)	52mm x 50mm x 1298mm; 2.0" x 2.0" x 51.1"
Mounting	Tool-less button mount





## Technical Specifications / Engineering Submittals

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### ENVIRONMENTAL

Operating Temperature	45°C
Operating Relative Humidity	85%
Operating Elevation	0-10000ft

### CONFORMANCE

Regulatory Approvals	CE, Canada ICES-003, Part 15 Class A of the FCC rules, RoHS compliant
Warranty	Standard 2 years manufacturer warranty

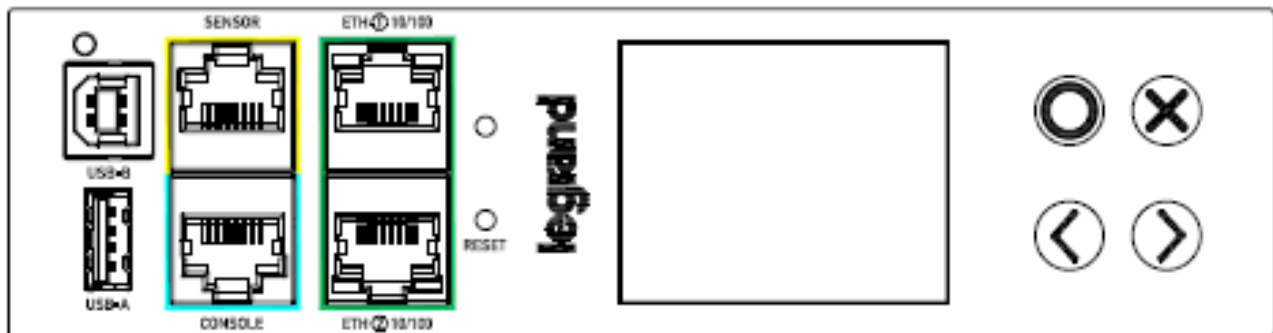


## Technical Specifications / Engineering Submittals

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### CONTROL PANEL



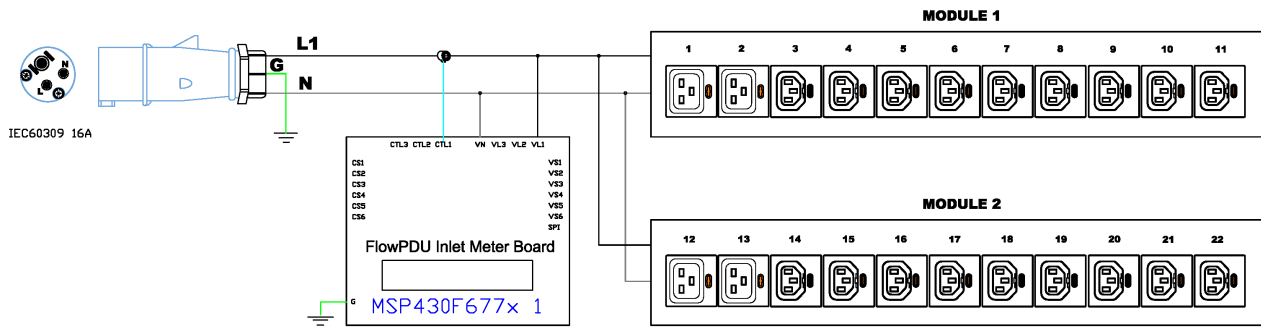


# Technical Specifications / Engineering Submittals

Legrand Model Number: 646012

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## ELECTRICAL (ONE LINE) DIAGRAM



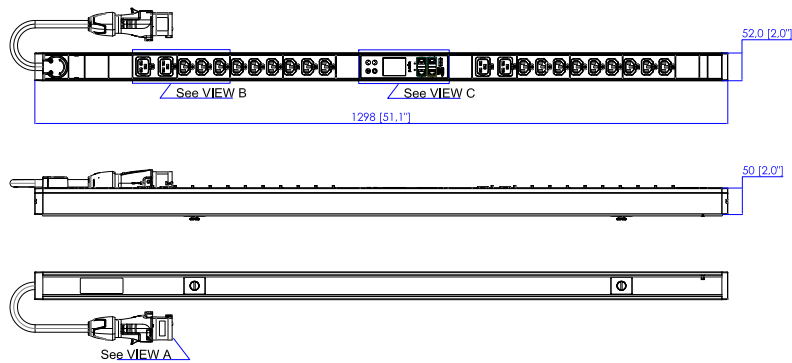
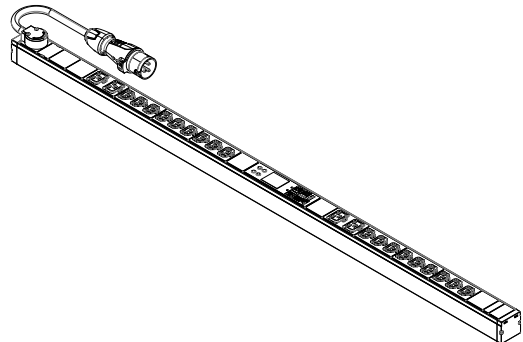
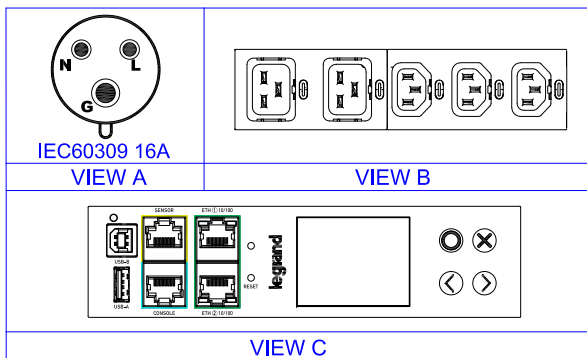


# Technical Specifications / Engineering Submittals

Legrand Model Number: 646012


rev20200226

## MECHANICAL DIAGRAM

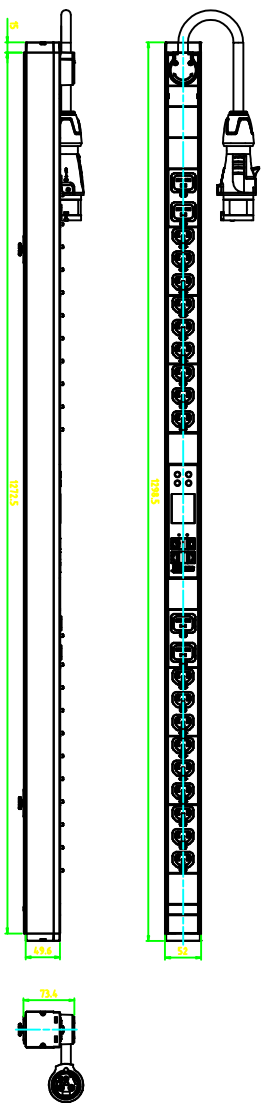


### NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. PLEASE REFER TO PRODUCT DOCUMENTATION FOR FURTHER INFORMATION.
3. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS (INCHES).
4. MOUNTING BUTTON IS AN ALTERNATIVE MOUNTING METHOD TO THE TOOLLESS MOUNT FOR 3RD PARTY ENCLOSURE.
5. BUTTON IS PROVIDED WITH THE UNIT. DETAILED INSTALLATION INSTRUCTIONS CAN BE FOUND IN THE PROVIDED MANUAL.
6. LENGTH OF THE CORD IS 3000MM +/- 70MM.
7. DIMENSION TOLERANCE: LENGTH +/- 3MM, WIDTH +/- 1MM, DEPTH +/- 0.5MM.
8. REFER TO THE TABLE FOR DETAIL CORD LENGTH DEFINITION.

<b>Raritan.</b> A brand of <b>Legrand</b>		 PROJECTION THIRD ANGLE	DO NOT SCALE DRAWING <b>SHEET 1 OF 1</b>	<b>TITLE</b> PDU Zero U Single Phase, 16A/200-240V Plug Type: IEC60309 16A Outlet Type: C13 (18), C19 (4)
Drawing Maker: Tom Hsueh Design Engineer: Kenny Chen Approver: Tom Hsueh	Apr. 30 2018 Apr. 30 2018 Apr. 30 2018	THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF RARITAN, Inc. AND SHALL NOT BE COPIED, REPRODUCED OR USED, IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM RARITAN, Inc. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE.		
		MODEL NO. <b>646012</b>	REV. <b>0A</b>	



[illegible]

No.	Title	Material	Specification	Qty	Remarks
 <b>GOVERNMENT OF KARNATAKA</b> <b>DEPARTMENT OF TRANSPORTS</b> <b>RAJASTHAN</b>					
NO. 1	SOLE	BRASS	DIRE	TITLE	--
NO. 2	DRIVING	DRIVING	CHECKED	APPROVED	DWG. NO --
				REF. NO	