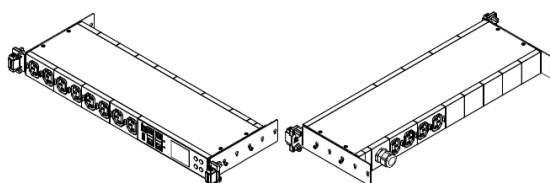


Technical Specifications / Engineering Submittals

Legrand Model Number: 646010

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)
Embedded Processor	ARM Cortex A5 500MHZ (Atmel A5D21C), 16MB SPI Flash, 64MB DDR2 RAM



Technical Specifications / Engineering Submittals

Legrand Model Number: 646010

rev20200226

INPUT

Input Plug	IEC60320 C20 (2P3W)
Cord Length	3 meters (9.84 feet) standard
Cord Entry	Rear feed
Cable Type	IP44("splashproof")
Number of Power Cords	1
Maximum Input Current	16A
Nominal Input Voltage	230V, Single phase
Rated Input Voltage	100-240V
Input Frequency	50/60Hz
Power Capacity	1.6kVA at 100V, 3.8kVA at 240V

OUTPUT

Nominal Output Voltage	230V
Rated Output Voltage	100-240V
Receptacles (Output Connections)	(12) C13, 10A
Securelock Support	Yes
Cord Retention	No
Overload Protection	N/A

PHYSICAL

Color	Silver, Aluminum anodized
Unit Dimensions (WxDxH)	436mm x 133mm x 44mm; 17.2" x 5.2" x 1.7"
Mounting	RACK-KIT-FLOW-1U



Technical Specifications / Engineering Submittals

Legrand Model Number: 646010

rev20200226

ENVIRONMENTAL

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

CONFORMANCE

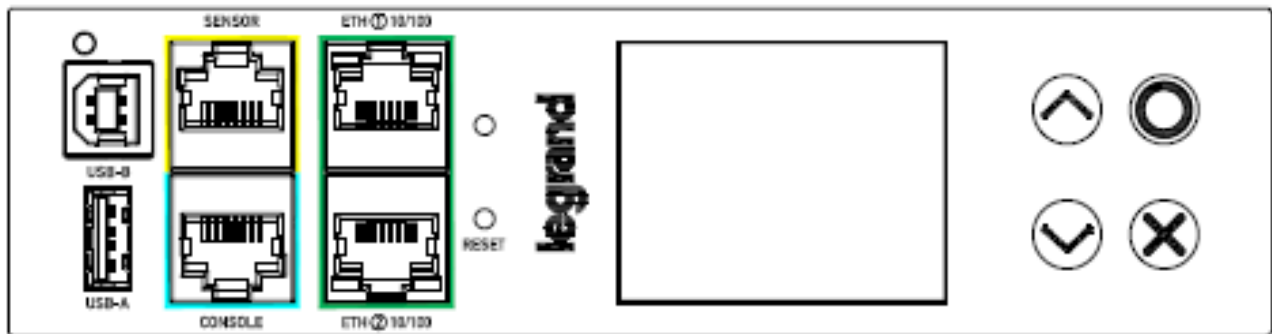
Regulatory Approvals	CE, Canada ICES-003, Part 15 Class A of the FCC rules, RoHS compliant
Warranty	Standard 2 years manufacturer warranty

Technical Specifications / Engineering Submittals

Legrand Model Number: 646010

rev20200226

CONTROL PANEL

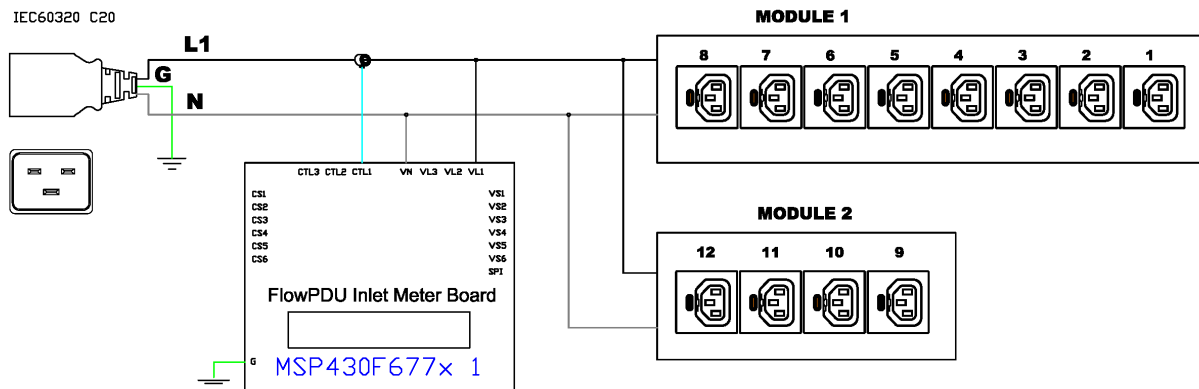


Technical Specifications / Engineering Submittals

Legrand Model Number: 646010

rev20200226

ELECTRICAL (ONE LINE) DIAGRAM

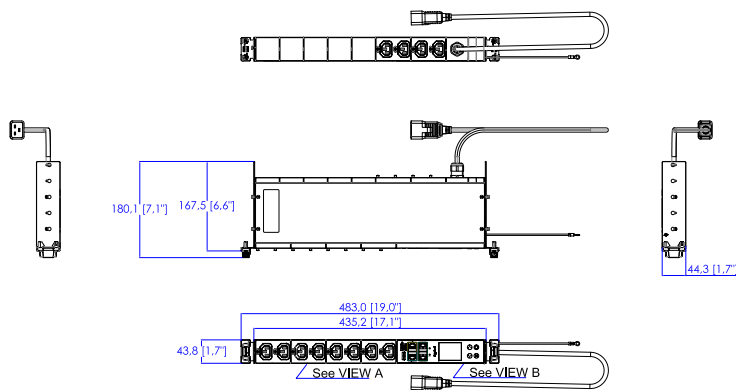
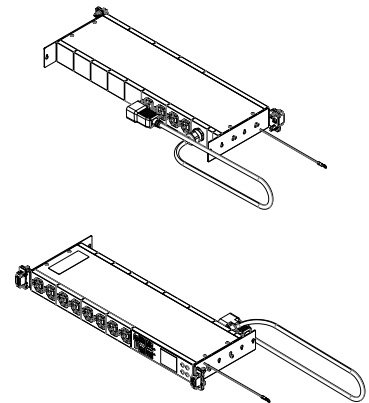
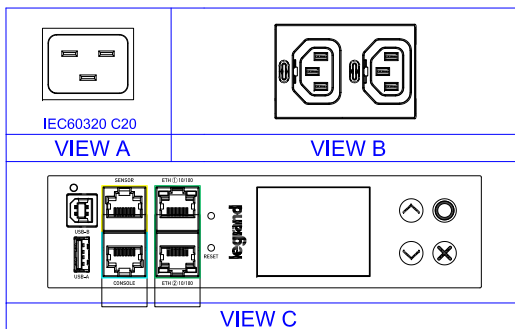


Technical Specifications / Engineering Submittals

Legrand Model Number: 646010


rev20200226

MECHANICAL DIAGRAM

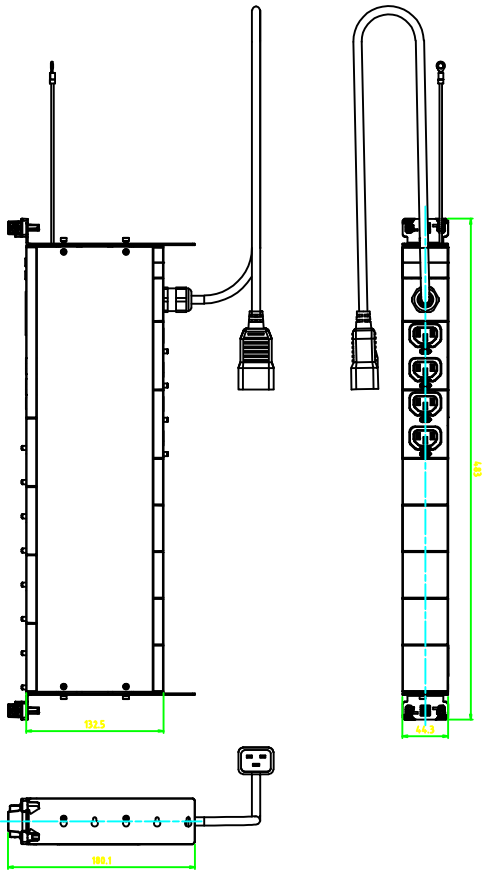


NOTES:

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.

Raritan. A brand of legrand		 PROJECTION THIRD ANGLE	DO NOT SCALE DRAWING SHEET 1 OF 1	TITLE: IPDU One U Single Phase, 16A/100-240V Plug Type: IEC60320 C20 Outlet Type: C13 (12)
Drawing Maker: Tom Hsueh Apr. 30. 2018	Design Engineer: Sam Liu Alan Palumbo Apr. 30. 2018	Approver: Tom Hsueh 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.	646010 0A

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