

# Technical Specifications / Engineering Submittals Legrand Model Number: 646013

rev20200226

## **LINE DRAWING**

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#### **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	Yes	
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 or per breaker); Alarms; Configuration information (name, ratings, IP / Networking information); Auto-flip orientation	
Embedded Processor	ARM Cortex A5 500MHZ (Atmel A5D21C), 16MB SPI Flash, 64MB DDR2 F	



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## **INPUT**

Input Plug	IEC60309 32A (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	32A
Nominal Input Voltage	230V, Single phase
Rated Input Voltage	200-240V
Input Frequency	50/60Hz
Power Capacity	6.4kVA at 200V, 7.7kVA at 240V

#### **OUTPUT**

Nominal Output Voltage	230V
Rated Output Voltage	200-240V
Receptacles (Output Connections)	(36) C13, 10A (6) C19, 16A
Securelock Support	Yes
Cord Retention	Yes
Overload Protection	(2) LEGBXA6

#### **PHYSICAL**

Color	Silver, Aluminum anodized
Unit Dimensions (WxDxH)	59mm x 50mm x 1539mm; 2.3" x 2.0" x 60.6"
Mounting	Tool-less button mount



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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

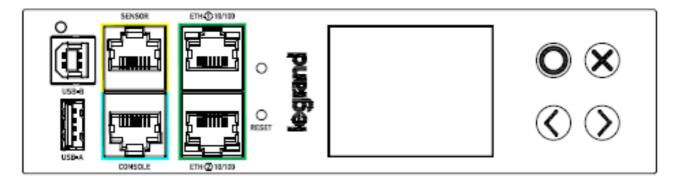


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## **CONTROL PANEL**



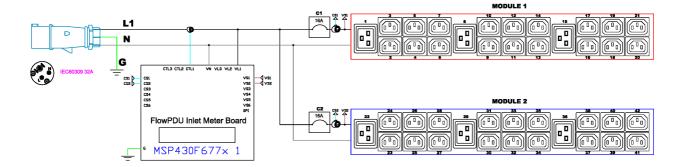


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## **ELECTRICAL (ONE LINE) DIAGRAM**





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#### **MECHANICAL DIAGRAM**

