Legrand SUM monitored PDU (IP-PDU) is designed for small and medium-sized data centers. It offers reliable power distribution and metering at the inlet level and support environment sensors to monitoring temperature and humidity. The SUM monitored PDU makes it easy to make informed capacity planning decisions and to increase availability and energy efficiency.

Part Number	**LIFIA-160-2412**
Input	
Operation Voltage	200V ~ 240V
Nominal Voltage	230V
Frequency	50/60Hz
Phase	Single phase
Plug Type	IEC60309（63A 250VAC 2P+E）Legrand
Power Cord Spec	3 x 16.0mm² x 3 meters; Top entry
Max Input Current	63A
Rated Input Current	63A
Wiring Style	L-N wiring
Power Capacity	14.5kW
Output	
Nominal Voltage	230V
Max Output Current	63A
Output Connections	24 x IEC 320 C13；12 x IEC 320 C19
Outlet Locking	Yes
Protections	
Circuit Overload Protection	None
Surge Suppression	None
Metering & switching	
Input/phase/circuit Metering	Yes
Breaker Status Monitoring	No
Metering Accuracy	+/- 1%
Environmental Monitoring	Temperature, Humidity
Monitoring Parameters	Voltage (V), Current (A), Active Power (kW), Real Power (kVA), Energy (kWh), Power Factor
Communication	
Access	SNMP (V1, V2c, V3), HTTP/HTTPS, Telnet, Modbus-RTU
Authentication	N/A
Alerts	Voltage, current, (temperature, humidity) optional
Service	TFTP, SMTP
Daisy-chain	1 master 4 slaves
Physical	
Product Dimensions (HxWxD)	1800 x 56 x 44.4mm
Box Dimensions (HxWxD)	TBD
Product Weight	TBD
Box Weight	TBD
Mounting Style	Tool-less mounting

Mounting Distance	1244mm
Environmental	
Operating Temperature	-10~45℃
Operating Relative Humidity	5%~95%
Operating Elevation	0~3000 meters
Compliance	
EMC Verification	EN55032, EN61000, EN55035
Safety Verification	IEC/EN 62368
Environmental Verification	RoHS 2.0