

Technical Specifications

Model Number

LBS7246J-72K

(18) C13+(6)C19IEC320 OUTLET

END ENTRY

FEATURES

Energy Metering	Voltage(V), Current(A), Active Power (kW), Real Power (kVA), Energy (kWh), Power Factor
Metering per Output Receptacle	Yes
Metering Accuracy	ISO/IEC 62053-211%
Remote Outlet Switching	Yes
Environmental Sensor Ready	Yes
Compatible Sensors	Temperature, Humidity
Onboard Display (Optional)	Removable Display Auto-flip orientation, Color matrix LCD display
Networking	(10/100M Base-T) Ethernet port with secondary, redundant (10/100M Base-T) Ethernet port.
Remote Management	HTTP(S); SSH CommandLine Interface; RS-232(Serial); SNMP version v1/v2c/v3; SMTP; IPv6/IPv4; Modbus-TCP, Modbus-RTU protocol; JSON-RPC(HTTP); REDFISH API; Syslog; LDAP/LDAPs; Support POWER IQ
Cascading	Up to 16 PDUs can be daisy chained using a single Ethernet connection
Embedded Processor Core	ARM® 32-bit Cortex™-A7CPU, 528 MHz

Monitoring & Measurement Accuracy

Power Input	Current (A): $\pm 1\%$ at 0.01 amp resolution [above 0.1 amp] Voltage(V): $\pm 1\%$ at 0.1 volt resolution [nominal $\pm 10\%$] Active Power (kW): $\pm 1\%$ at 1 watt resolution Apparent Power (kVA): $\pm 1\%$ at 1 volt-amp resolution
Power Output	Power Factor: $\pm 1\%$ at 0.01 resolution Energy (kWh): $\pm 1\%$ at 1 watt-hour resolution Accuracy Standard: ISO/IEC 62053-21
Branch Current	Current (A): $\pm 1\%$ at 0.01 amp resolution [above 0.1 amp]

Input

Region	For North America	Max rating
Nominal Voltage	208V~	208V~
Frequency	50/60 Hz	50/60 Hz
Operating Voltage	100-240V~	240V~
Maximum Input Current	30A	30A
Rated Input Current	24A	N/A
Power Capacity	8.6kVA at 208V 10.0kVA at 240V	12.5kVA
Input Connection	IEC Pin and Sleeve Plug	

Output

Model No.	LBS7246J-72K
Receptacles	(18)C13+(6)C19
Nominal Voltage	208V~
Rated Current	Each Phase≤13.9A / Total≤41.6A
Overload Protection	(3) 2poles-20AmpsUL489Circuit Breaker

Cable

Standard	UL1650
Cable Type	TYPE W 8AWG 4C
Rating Voltage	2000V~
Max Current	40A
Insulation Resistance	≥0.76MΩ/ft 15.0C min
Spark Test	10KV/0.15s
Dielectric Strength	AC 4.0KV/1 min No Crack
Tensile Strength	1500lb/in ² Min
Elongation	150% Min
Deformation Test	150±2°C x 1hr ≤50%
Cold Bend Test	-20°C x 4 hr No Crack
Heat Shock Test	150±2°C x 1hr No Crack
Flame Resistance	FT5

PLUG type

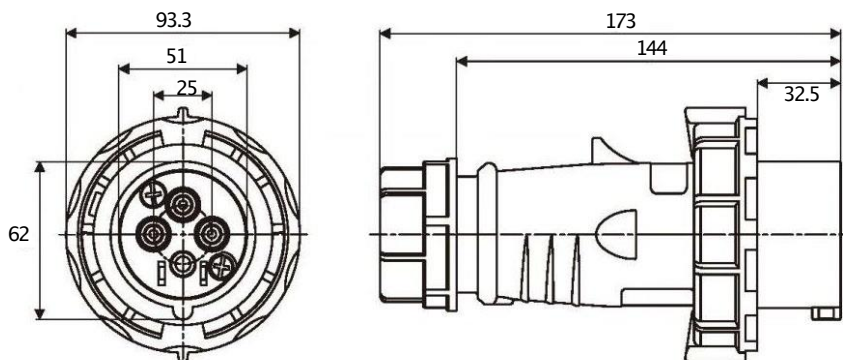
Standard	IEC 60309
Operating Voltage	200-250V~
Rated Current	32A
Poles	3P+E
Earth Contact Position	9h
Protection Class	IP67
Insulation Resistance	>5MΩ500VDC 1min
Dielectric Strength	AC 2.5KV 1min No Crack
Material	PA6 UL94-V0
Operating Temperature	-20~80°C

Approval



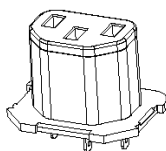
View

(Unit : mm)



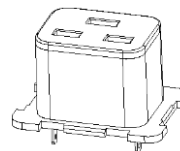
Receptacle type

C13



UL 15A/250V~

C19



UL 20A/250V~


Hardware

Dimensions (WxDxH)	2.20"(56mm) x 3.15"(80mm) x 61.42"(1560mm)
Body Color	Black powder coat (Blue or Red available on request)
Unit Weight	TBD
Shipping Weight	TBD
Mounting	Adjustable rack mounting

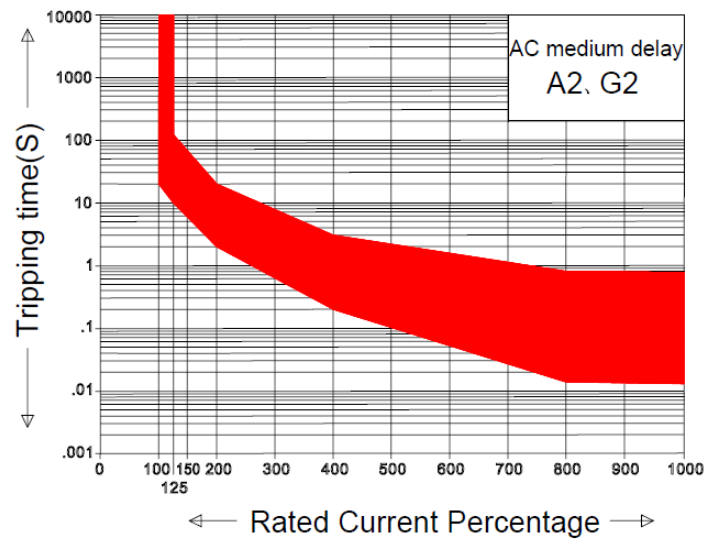
Environmental

Operating Temperature	0-60C
Operating Relative Humidity	15-85%
Operating Elevation	0-3000m

Conformance

Region	For North America
Regulatory Approvals	UL62368 certified by cTUVus 
Warranty	3 years manufacturer warranty

TRIP CURVE:

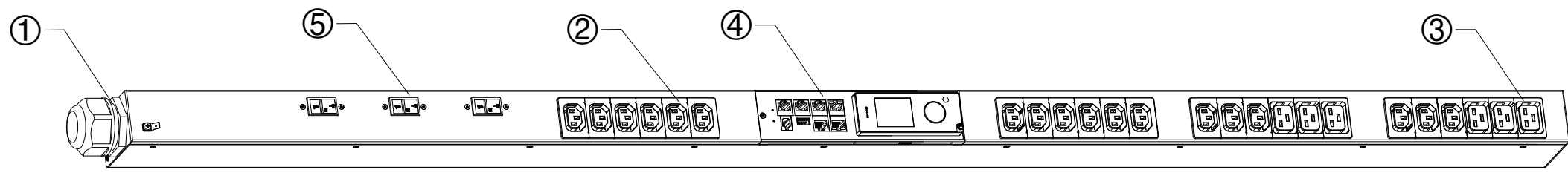
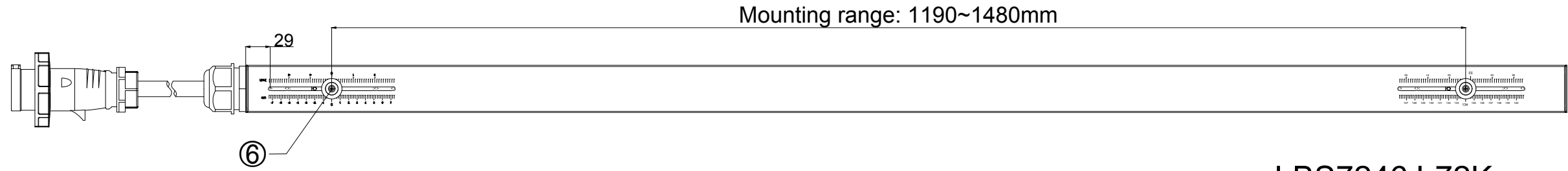
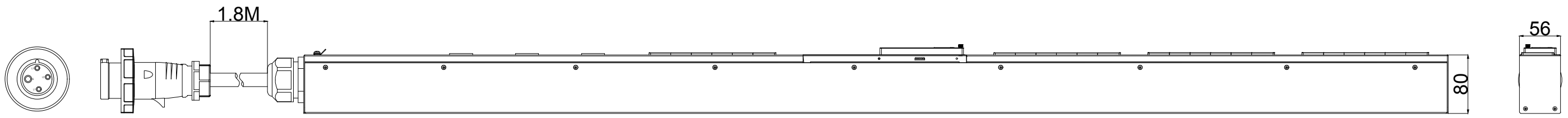
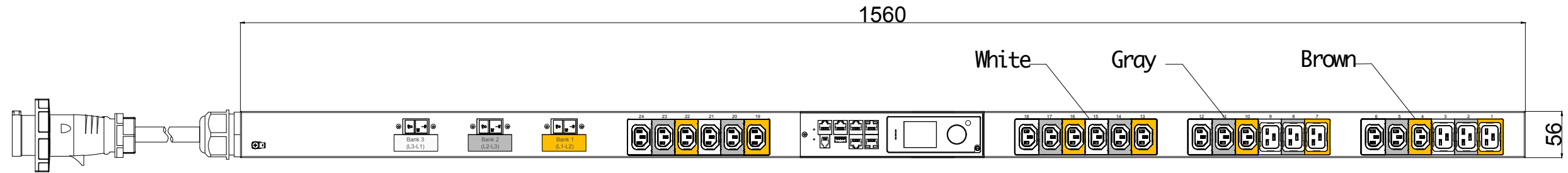


MECHANICAL DIAGRAM AND ELECTRICAL DIAGRAM

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REV



LBS7246J-72K
 Outlet Code:
 6=18*C13+6*C19

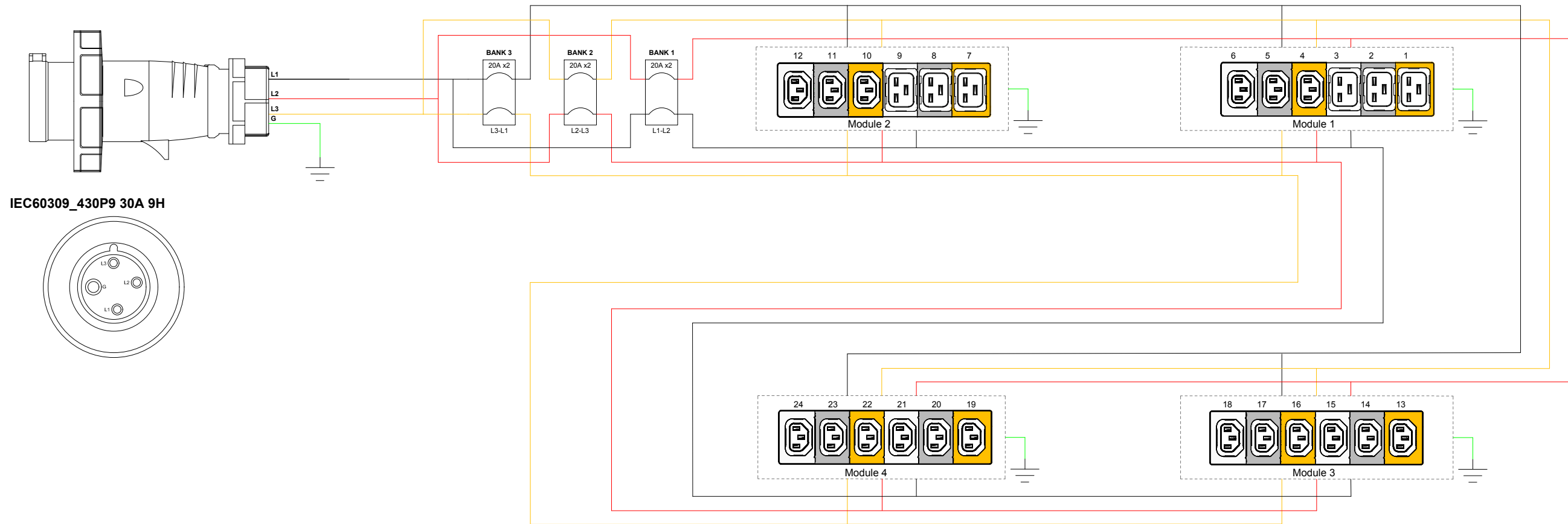
ITEM	DESCRIPTION	REMARK	QTY
⑥	Adjustable mounting button		2
⑤	2P Circuit breaker 20A		6
④	Removeable LCD module	Optional	1
③	C19 P-LOCKoutlet		6
②	C13 P-LOCKoutlet		18
①	IEC60309 3P+E 9h 30A IP67,TYPE-W 8AWG/4C FT5,1.8M BLACK		1

	Unit	mm
THIRD ANGLE PROJECTION	Des'd By:	
	Drawn By:	LJH
	Review By:	Alan M

LBS	
Product Name	
3P DELTA 24A/208V Switched-POM, 18C13+6C19 IEC309 30A 3P+E 9h TYPE-W 8AWG/4C FT5 1.8M End entry,Power capacity: 8.6-10.0kVA,Black	
ITEM NO.	LBS7246J-72K
DWG NO.	LBS7246J-72K
SHEET	1 OF 1

WIRING DIAGRAM

LBS7246L



IEC60309_430P9 30A 9H

