

Current Monitoring (EM)

Geist's Current Monitoring PDUs are ideal for installations where remote current monitoring is critical. Most data center managers have experienced down equipment caused by an overloaded circuit. The resulting down-time can cause a disproportionate amount of damage and lost revenues. Various configurations are available including outlet, breaker, circuit, and aggregate level monitoring and alarming. Units featuring outlet level monitoring offer additional granularity for identifying idle server power or simplifying departmental chargeback for power use.

SPECIFICATION:

+/- 3.5% Accuracy with Full Scale 50/60Hz sine wave input



FEATURE	BENEFIT
Remote current monitoring	Prevent down-time with early notification of current threshold breach
Local current monitoring - digital display	Instantaneous feedback ideal for moves, adds and changes
SNMP traps and alarms	Integration into SNMP system for remote notification
User-friendly GUI interface	Quickly locate pertinent information
Pause scroll button	Observe changes to circuit current consumption as equipment is added
IP address reset button	Ease of reconfiguration upon move or loss of IP address
Accessible via any web browser	Easy installation & maintenance - No external software

Representative of units on page 88

EM8 PDU
EM8/GM6™ v2.01
IP Address: 192.168.120.24

Current Monitoring
Display
Alarms
Configuration
XML | MIB

Alarm Settings

If the amp reading is greater than or equal to the entered value, an alarm is sent (if enabled). Supports integer values only. Enter 0 to disable traps for that channel.

	Warning	Alarm
Circuit 1	0	1
Circuit 2	0	0
Circuit 3	0	0
Circuit 4	0	0
Circuit 5	0	0
Circuit 6	0	0

Save Changes

EM8 PDU
EM8/GM6™ v2.01
IP Address: 192.168.120.24

Current Monitoring
Display
Alarms
Configuration
XML | MIB

Total Amps

Circuit 1	0.21	Amps Circuit 1
Circuit 2	0.06	Amps Circuit 2
Circuit 3	0.02	Amps Circuit 3
Circuit 4	0.21	Amps Circuit 4
Circuit 5	0.06	Amps Circuit 5
Circuit 6	0.02	Amps Circuit 6

Representative of unit 1 on page 89

EM40 PDU
EM40/GM15-80™ v2.01
IP Address: 192.168.120.26

Current Monitoring
Display
Alarms
Configuration
XML | MIB

Total Amps

Phase A	0.06	Amps Phase A
Phase B	0.06	Amps Phase B
Phase C	0.06	Amps Phase C

Circuit 4

Outlet	Name	Amps	Friendly Name
12	CA-4	0.02	Outlet 12, top
11	BC-4	0.02	Outlet 11
10	AB-4	0.02	Outlet 10

Circuit 3

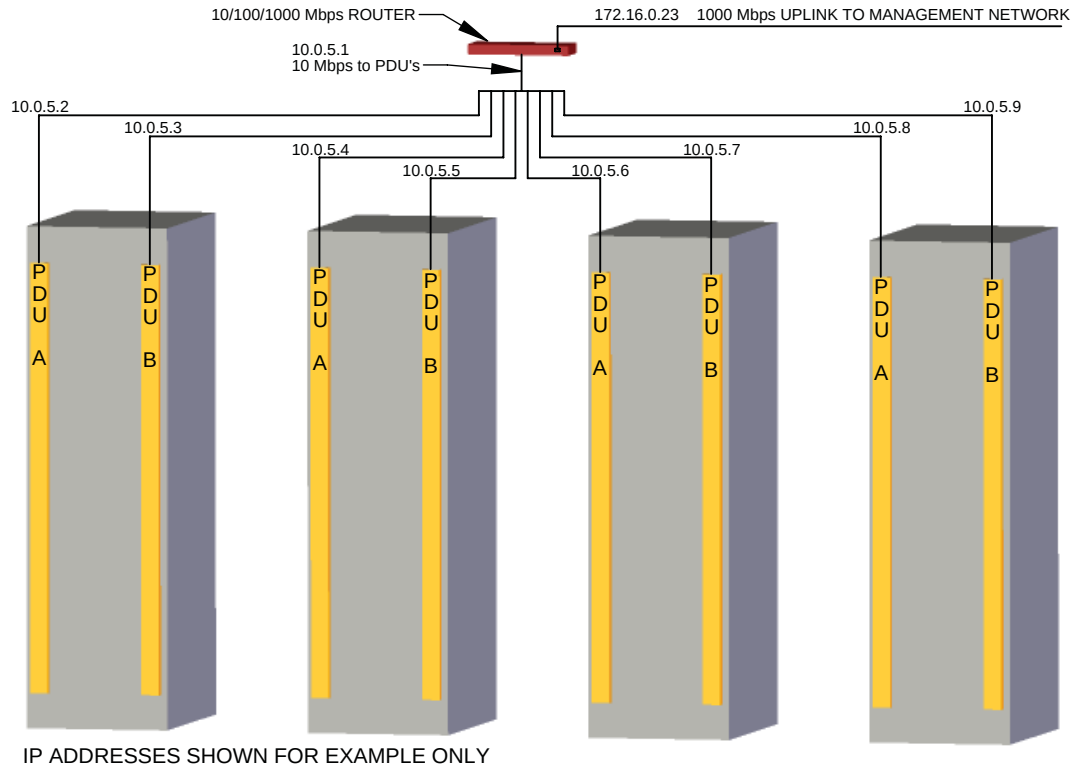
Outlet	Name	Amps	Friendly Name
9	CA-3	0.02	Outlet 9
8	BC-3	0.02	Outlet 8
7	AB-3	0.02	Outlet 7

Circuit 2

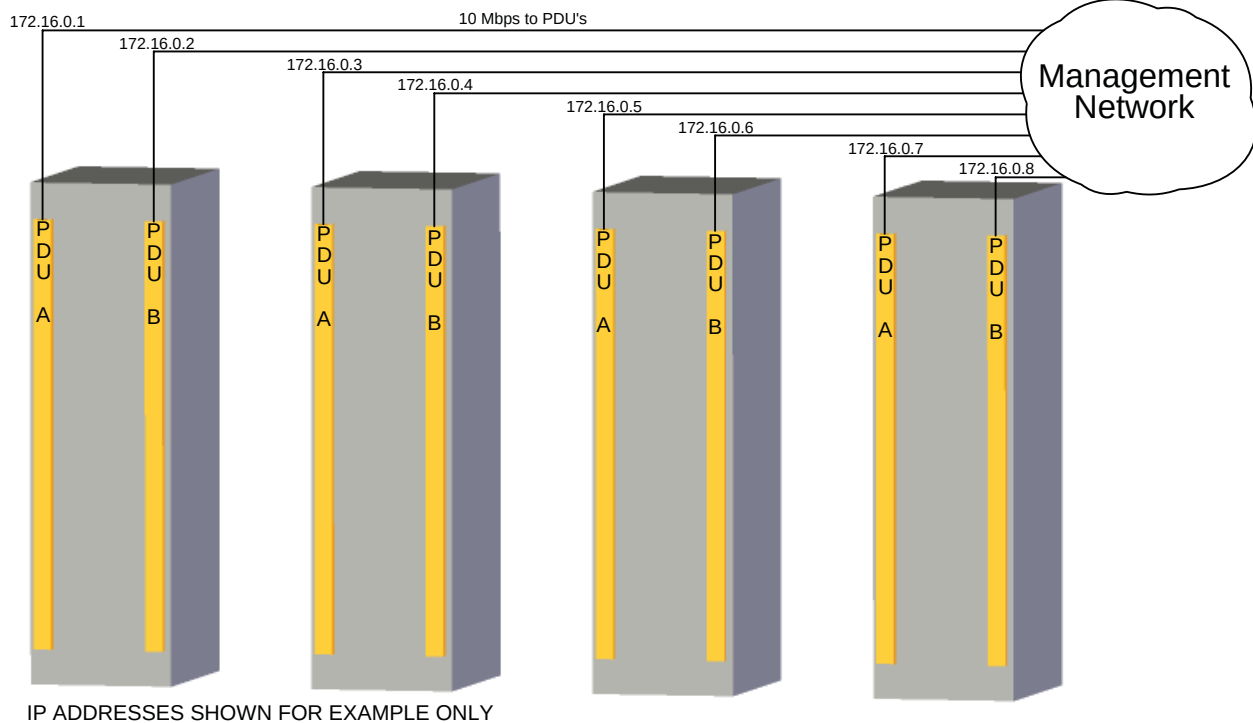
Outlet	Name	Amps	Friendly Name
6	CA-2	0.02	Outlet 6
5	BC-2	0.02	Outlet 5
4	AB-2	0.02	Outlet 4

Current Monitoring Connectivity

Ethernet Connectivity using VLAN/Subnet Topology



Traditional Network Topology



Basic &
Metered

Monitored

Switched

Satellite

Environmental

Software

Accessories

Brackets

Educational

Resources

20 Amp, 120 Volt, 1.9kW

- UL® & c-UL® Listed 60950
- * Detailed meter spec available on page 72.
- FCC Part 15 Class A

2JRMN202-102D20ST5

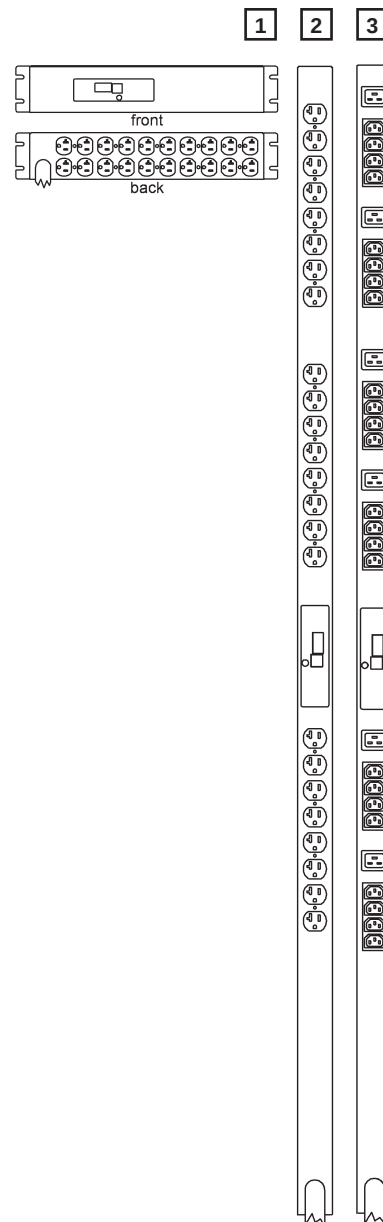
JBMN242-102D20ST5

JBMN302-102IN6ST5

LINE DRAWING	1	2	3
AMPS	20	20	20
VOLTS	120	120	120
TOTAL RECEPTACLE QTY	20	24	30
RECEPTACLE TYPE / QTY	5-20R / 20	5-20R / 24	C-13 / 24
RECEPTACLE TYPE / QTY	N/A	N/A	C-19 / 6
CIRCUIT BREAKER / ON-OFF SWITCH	NO	NO	NO
CURRENT MONITORING - LOCAL & ETHERNET	YES *	YES *	YES *
MONITORING	AGGREGATE	AGGREGATE	AGGREGATE
10' POWER CORD	1	1	1
STRAIGHT-BLADE PLUG	5-20P	5-20P	5-20P
TWIST-LOCK PLUG	OPT	OPT	OPT
FULL-LENGTH VERTICAL MOUNTING BRACKET	NO	YES	YES
2U RECESSED MOUNTING BRACKETS	YES	NO	NO
TOOLLESS MOUNTING HARDWARE - CENTER TO CENTER SPACING (INCHES)	N/A	61.25 & 64.75	61.25 & 64.75
DIMENSIONS L/H (INCHES)	3.39	66.25	66.25
DIMENSIONS W	17	2	2
DIMENSIONS D	6	2	2

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) 02-15 (Plug Attached)	
Plug Type: ST = Straight-Blade / TL = Twist-Lock	



- UL® & c-UL® Listed 60950
- * Detailed meter spec available on page 72.
- FCC Part 15 Class A

2VHVRMN202-102D20ST6

VHBMN242-102D20ST6

VHVAMN082-102I44ST6

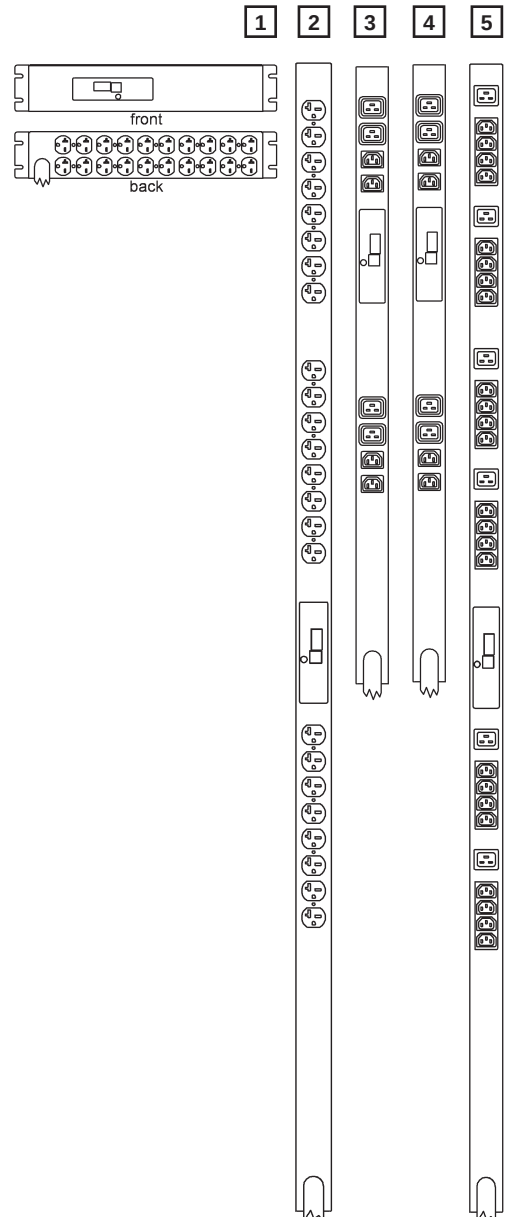
^{New}
VHVAMN082-102I44ST6-OM

^{New}
VHBMN302-102IN6ST6

LINE DRAWING	1	2	3	4	5
AMPS	20	20	20	20	20
VOLTS	208	208	208	208	208
TOTAL RECEPTACLE QTY	20	24	8	8	30
RECEPTACLE TYPE / QTY	6-20R / 20	6-20R / 24	C-13 / 4	C-13 / 4	C-13 / 24
RECEPTACLE TYPE / QTY	N/A	N/A	C-19 / 4	C-19 / 4	C-19 / 6
CIRCUIT BREAKER / ON-OFF SWITCH	NO	NO	NO	NO	NO
CURRENT MONITORING - LOCAL & ETHERNET	YES *	YES *	YES *	YES *	YES *
MONITORING	AGGREGATE	AGGREGATE	AGGREGATE	AGGREGATE & OUTLET	AGGREGATE
10' POWER CORD	1	1	1	1	1
STRAIGHT-BLADE PLUG	6-20P	6-20P	6-20P	6-20P	6-20P
TWIST-LOCK PLUG	OPT	OPT	OPT	OPT	OPT
FULL-LENGTH VERTICAL MOUNTING BRACKET	NO	YES	YES	YES	YES
2 U RECESSED MOUNTING BRACKETS	YES	NO	NO	NO	NO
TOOLLESS MOUNTING HARDWARE - CENTER TO CENTER SPACING (INCHES)	N/A	61.25 & 64.75	36.75	36.75	61.25 & 64.75
DIMENSIONS L/H (INCHES)	3.39	66.25	38.5	38.5	66.25
DIMENSIONS W	17	2	2	2	2
DIMENSIONS D	6	2	2	2	2

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) <u>02-15</u> (Plug Attached)	
Plug Type: <u>SI</u> = Straight-Blade / <u>IL</u> = Twist-Lock	



20 Amp, 3 Phase, 5.8kW

- All 3 phase and multi-input units have color-coded receptacle configurations or labeling for easy identification and load balancing
- UL® & c-UL® Listed 60950
- * Detailed meter spec available on page 72.
- FCC Part 15 Class A

JBMN243-102D20TL21

JBMN303-102IN6TL21

VHVMN248-102D20TL21

VHVMN308-102IN6TL21

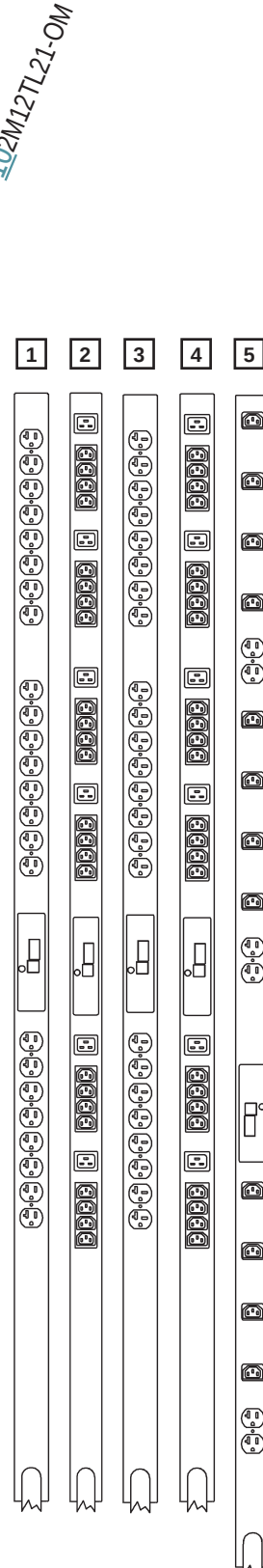
VHVMN189-102M12TL21-OM

LINE DRAWING	1	2	3	4	5
AMPS	20 x 3~	20 x 3~	20 x 3~	20 x 3~	20 x 3~
VOLTS	120 / 208	120 / 208	120 / 208	120 / 208	120 / 208
OUTPUT VOLTAGE FOR 3- INPUT UNITS	120	120	208	208	120 & 208
TOTAL RECEPTACLE QTY	24	30	24	30	18
RECEPTACLE TYPE / QTY	5-20R / 24	C-13 / 24	6-20R / 24	C-13 / 24	C-13 / 12
RECEPTACLES PER PHASE	8	8	N/A	N/A	N/A
RECEPTACLES PER PHASE COMBINATION	N/A	N/A	8	8	4
RECEPTACLE TYPE / QTY	N/A	C-19 / 6	N/A	C-19 / 6	5-20R / 6
RECEPTACLES PER PHASE	N/A	2	N/A	N/A	2
RECEPTACLES PER PHASE COMBINATION	N/A	N/A	N/A	2	N/A
CIRCUIT BREAKER / ON-OFF SWITCH	NO	NO	NO	NO	NO
CURRENT MONITORING - LOCAL & ETHERNET	YES *	YES *	YES *	YES *	YES *
MONITORING	PHASE (X,Y,Z)	PHASE (X,Y,Z)	CIRCUIT (XY,YZ,ZX)	CIRCUIT (XY,YZ,ZX)	PHASE (X,Y,Z) & OUTLET
10' POWER CORD	1	1	1	1	1
TWIST-LOCK PLUG	L21-20P	L21-20P	L21-20P	L21-20P	L21-20P
FULL-LENGTH VERTICAL MOUNTING BRACKET	YES	YES	YES	YES	YES
TOOLLESS MOUNTING HARDWARE - CENTER TO CENTER SPACING (INCHES)	61.25 & 64.75	61.25 & 64.75	61.25 & 64.75	61.25 & 64.75	61.25 & 64.75
DIMENSIONS L/H (INCHES)	66.25	66.25	66.25	66.25	70
DIMENSIONS W	2	2	2	2	2
DIMENSIONS D	2	2	2	2	2

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) [02-15](#) (Plug Attached)

PATENTED

Basic &
Metered

Monitored

Switched

Satellite

Environmental

Software

Accessories

Brackets

Educational

Resources

11kW 20 Amp, 3 Phase

 New 230/400V  New 230/400V

YBMN303-102IN6TL22

YBMN303-102IN6PS56

- All 3 phase and multi-input units have color-coded receptacle configurations or labeling for easy identification and load balancing
- UL® & c-UL® Listed 60950
- * Detailed meter spec available on page 72.
- FCC Part 15 Class A

LINE DRAWING	1	2
AMPS	20 x 3~	20 x 3~
VOLTS	230 / 400 WYE	230 / 400 WYE
OUTPUT VOLTAGE FOR 3~ INPUT UNITS	230	230
TOTAL RECEPTACLE QTY	30	30
RECEPTACLE TYPE / QTY	C-13 / 24	C-13 / 24
RECEPTACLES PER PHASE	8	8
RECEPTACLE TYPE / QTY	C-19 / 6	C-19 / 6
RECEPTACLES PER PHASE	2	2
CIRCUIT BREAKER / ON-OFF SWITCH	NO	NO
CURRENT MONITORING - LOCAL & ETHERNET	YES *	YES *
MONITORING	PHASE (X,Y,Z)	PHASE (X,Y,Z)
10' POWER CORD	1	1
TWIST-LOCK PLUG	L22-20P	N/A
IEC 60309 PIN & SLEEVE CONNECTOR	N/A	20A, 230/400V 4P / 5W
FULL-LENGTH VERTICAL MOUNTING BRACKET	YES	YES
TOOLLESS MOUNTING HARDWARE CENTER TO CENTER SPACING (INCHES)	61.25 & 64.75	61.25 & 64.75
DIMENSIONS L (INCHES)	66.25	66.25
DIMENSIONS W	2	2
DIMENSIONS D	2	2

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) 02-15 (Plug Attached)



30 Amp, 120 Volt, 2.9kW

- UL® & c-UL® Listed 60950
- * Detailed meter spec available on page 72.
- FCC Part 15 Class A

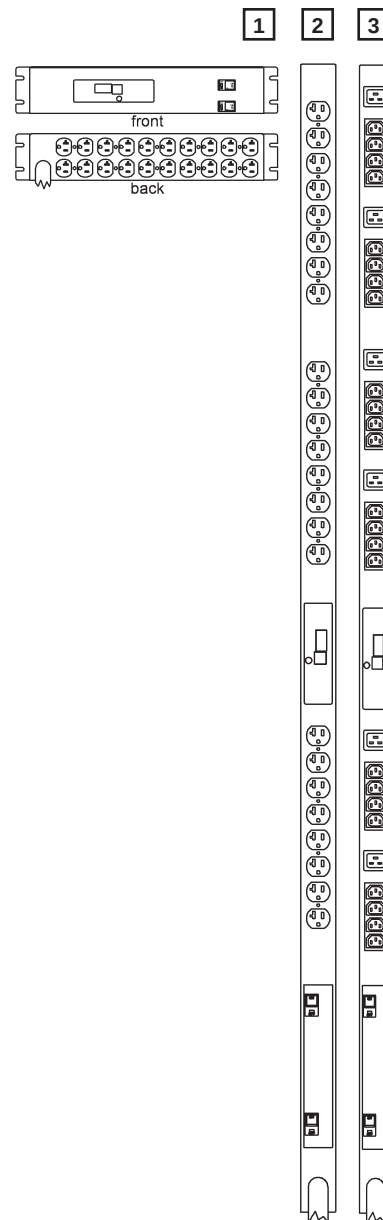
2XPRM200-103D20TL5

XPBM240-103D20TL5

XPBM300-103IN6TL5

LINE DRAWING	1	2	3
AMPS	30	30	30
VOLTS	120	120	120
TOTAL RECEPTACLE QTY	20	24	30
RECEPTACLE TYPE / QTY	5-20R / 20	5-20R / 24	C-13 / 24
RECEPTACLES PER BREAKER	10	12	12
RECEPTACLE TYPE / QTY	N/A	N/A	C-19 / 6
RECEPTACLES PER BREAKER	N/A	N/A	3
MAGNETIC CIRCUIT BREAKER / ON-OFF SWITCH WITH INTEGRAL SWITCH GUARD	YES	YES	YES
BREAKER AMPERAGE / QTY	20 / 2	20 / 2	20 / 2
BREAKER POLE CONFIGURATION	SINGLE	SINGLE	SINGLE
CURRENT MONITORING - LOCAL & ETHERNET	YES *	YES *	YES *
MONITORING	CIRCUIT BREAKER / AGGREGATE	CIRCUIT BREAKER / AGGREGATE	CIRCUIT BREAKER / AGGREGATE
10' POWER CORD	1	1	1
TWIST-LOCK PLUG	L5-30P	L5-30P	L5-30P
FULL-LENGTH VERTICAL MOUNTING BRACKET	NO	YES	YES
2U RECESSED MOUNTING BRACKETS	YES	NO	NO
TOOLLESS MOUNTING HARDWARE - CENTER TO CENTER SPACING (INCHES)	N/A	61.25 & 64.75	61.25 & 64.75
BREAKER DOGHOUSE - 1.44" DEPTH	NO	YES	YES
DIMENSIONS L/H (INCHES)	3.39	66.25	66.25
DIMENSIONS W	17	2	2
DIMENSIONS D	6	2	2

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) [02-15](#) (Plug Attached)

Basic & Metered

Monitored

Switched

Satellite

Environmental

Software

Accessories

Brackets

Educational

Resources

5kW 30 Amp, 208 Volt

- UL® & c-UL® Listed 60950
- * Detailed meter spec available on page 72.
- FCC Part 15 Class A

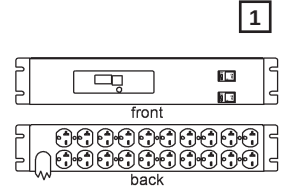
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XPBM240-103D20TL6

XPAM080-103I44TL6

XPAM080-103I44TL6-OM

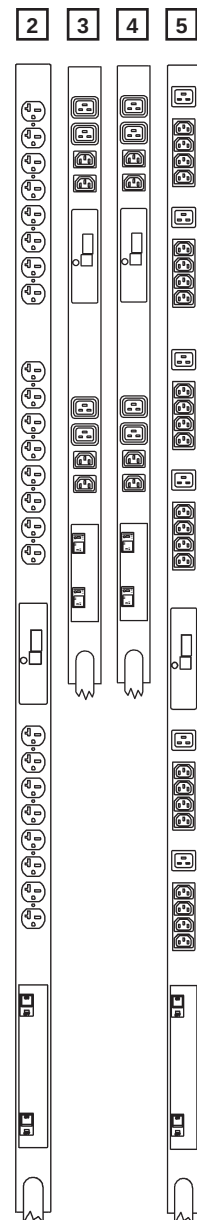
XPBM300-103IN6TL6



LINE DRAWING	1	2	3	4	5
AMPS	30	30	30	30	30
VOLTS	208	208	208	208	208
TOTAL RECEPTACLE QTY	20	24	8	8	30
RECEPTACLE TYPE / QTY	6-20R / 20	6-20R / 24	C-13 / 4	C-13 / 4	C-13 / 24
RECEPTACLES PER BREAKER	10	12	2	2	12
RECEPTACLE TYPE / QTY	N/A	N/A	C-19 / 4	C-19 / 4	C-19 / 6
RECEPTACLES PER BREAKER	N/A	N/A	2	2	3
MAGNETIC CIRCUIT BREAKER / ON-OFF SWITCH WITH INTEGRAL SWITCH GUARD	YES	YES	YES	YES	YES
BREAKER AMPERAGE / QTY	20 / 2	20 / 2	20 / 2	20 / 2	20 / 2
BREAKER POLE CONFIGURATION	DOUBLE	DOUBLE	DOUBLE	DOUBLE	DOUBLE
CURRENT MONITORING - LOCAL & ETHERNET	YES *	YES *	YES *	YES *	YES *
MONITORING	CIRCUIT BREAKER / AGGREGATE	CIRCUIT BREAKER / AGGREGATE	CIRCUIT BREAKER / AGGREGATE	CIRCUIT BREAKER / AGGREGATE / OUTLET	CIRCUIT BREAKER / AGGREGATE
10' POWER CORD	1	1	1	1	1
TWIST-LOCK PLUG	L6-30P	L6-30P	L6-30P	L6-30P	L6-30P
FULL-LENGTH VERTICAL MOUNTING BRACKET	NO	YES	YES	YES	YES
2U RECESSED MOUNTING BRACKETS	YES	NO	NO	NO	NO
TOOLLESS MOUNTING HARDWARE - CENTER TO CENTER SPACING (INCHES)	N/A	61.25 & 64.75	36.75	36.75	61.25 & 64.75
BREAKER DOGHOUSE - 1.44" DEPTH	N/A	YES	YES	YES	YES
DIMENSIONS L/H (INCHES)	3.39	66.25	38.5	38.5	66.25
DIMENSIONS W	17	2	2	2	2
DIMENSIONS D	6	2	2	2	2

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) [02-15](#) (Plug Attached)



30 Amp, 3 Phase, 8.6 kW

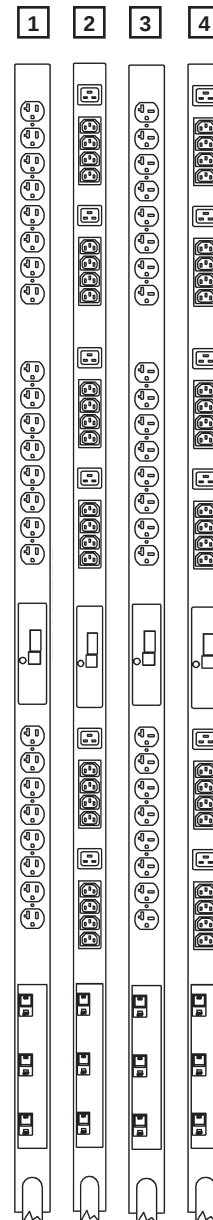
- All 3 phase and multi-input units have color-coded receptacle configurations or labeling for easy identification and load balancing
- UL® & c-UL® Listed 60950
- * Detailed meter spec available on page 72.
- FCC Part 15 Class A

XPBM243-103D20TL21
XPBM303-103IN6TL21
XPBM248-103D20TL21
XPBM308-103IN6TL21

LINE DRAWING	1	2	3	4
AMPS	30 x 3~	30 x 3~	30 x 3~	30 x 3~
VOLTS	120 / 208 WYE	120 / 208 WYE	120 / 208 WYE	120 / 208 WYE
OUTPUT VOLTAGE FOR 3 PHASE INPUT UNITS	120	120	208	208
TOTAL RECEPTACLE QTY	24	30	24	30
RECEPTACLE TYPE / QTY	5-20R / 24	C-13 / 24	6-20R / 24	C-13 / 24
RECEPTACLES PER PHASE	8	8	N/A	N/A
RECEPTACLES PER PHASE COMBINATION	N/A	N/A	8	8
RECEPTACLE TYPE / QTY	N/A	C-19 / 6	N/A	C-19 / 6
RECEPTACLES PER PHASE	N/A	2	N/A	N/A
RECEPTACLES PER PHASE COMBINATION	N/A	N/A	N/A	2
MAGNETIC CIRCUIT BREAKER / ON-OFF SWITCH WITH INTEGRAL SWITCH GUARD	YES	YES	YES	YES
BREAKER AMPERAGE / QTY	20 / 3	20 / 3	20 / 3	20 / 3
BREAKER POLE CONFIGURATION	DOUBLE	DOUBLE	DOUBLE	DOUBLE
CURRENT MONITORING - LOCAL & ETHERNET	YES *	YES *	YES *	YES *
MONITORING	PHASE (X,Y,Z)	PHASE (X,Y,Z)	CIRCUIT / BREAKER (XY,YZ,ZX)	CIRCUIT / BREAKER (XY,YZ,ZX)
10' POWER CORD	1	1	1	1
TWIST-LOCK PLUG	L21-30P	L21-30P	L21-30P	L21-30P
FULL-LENGTH VERTICAL MOUNTING BRACKET	YES	YES	YES	YES
TOOLLESS MOUNTING HARDWARE - CENTER TO CENTER SPACING (INCHES)	61.25 & 64.75	61.25 & 64.75	61.25 & 64.75	61.25 & 64.75
BREAKER DOGHOUSE - 1.44" DEPTH	YES	YES	YES	YES
DIMENSIONS L (INCHES)	66.25	66.25	66.25	66.25
DIMENSIONS W	2	2	2	2
DIMENSIONS D	2	2	2	2

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) 02-15 (Plug Attached)	
DELTA Unit Configuration Option: 21 = WYE L21-30P Plug / 15 = DELTA L15-30P Plug	



Basic & Metered

Monitored

Switched

Satellite

Environmental

Software

Accessories

Brackets

Educational

Resources

8.6kW 30 Amp, 3 Phase

- All 3 phase and multi-input units have color-coded receptacle configurations or labeling for easy identification and load balancing
- UL® & c-UL® Listed 60950
- * Detailed meter spec available on page 72.
- FCC Part 15 Class A

XPBM339-103M14TL21

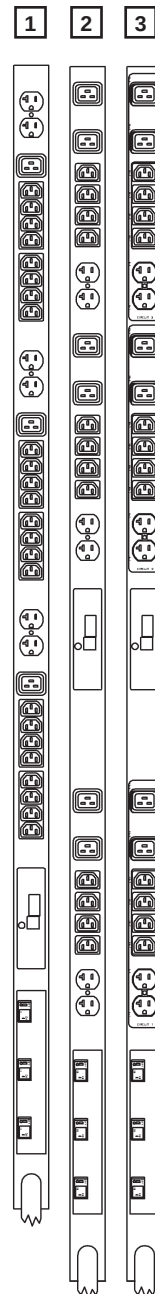
XPWM249-103M46TL21

XPWM249-103M46TL21-OM

LINE DRAWING	1	2	3
AMPS	30 x 3~	30 x 3~	30 x 3~
VOLTS	120 / 208 WYE	120 / 208 WYE	120 / 208 WYE
OUTPUT VOLTAGE FOR 3 PHASE INPUT UNITS	120 & 208	120 & 208	120 & 208
TOTAL RECEPTACLE QTY	33	24	24
RECEPTACLE TYPE / QTY	C-13 / 24	C-13 / 12	C-13 / 12
RECEPTACLES PER BREAKER AND PHASE COMBINATION	8	4	4
RECEPTACLE TYPE / QTY	C-19 / 3	C-19 / 6	C-19 / 6
RECEPTACLES PER BREAKER AND PHASE COMBINATION	1	2	2
RECEPTACLE TYPE / QTY	5-20R / 6	5-20R / 6	5-20R / 6
RECEPTACLES PER BREAKER AND PHASE	2	2	2
MAGNETIC CIRCUIT BREAKER / ON-OFF SWITCH WITH INTEGRAL GUARD	YES	YES	YES
BREAKER AMPERAGE / QTY	20 / 3	20 / 3	20 / 3
BREAKER POLE CONFIGURATION	DOUBLE	DOUBLE	DOUBLE
CURRENT MONITORING - LOCAL & ETHERNET	YES *	YES *	YES *
MONITORING	CIRCUIT / BREAKER (XY,YZ,ZX)	CIRCUIT / BREAKER (XY,YZ,ZX)	CIRCUIT / BREAKER (XY,YZ,ZX) & OUTLET
10' POWER CORD	1	1	1
TWIST-LOCK PLUG	L21-30P	L21-30P	L21-30P
FULL-LENGTH VERTICAL MOUNTING BRACKET	YES	YES	YES
TOOLLESS MOUNTING HARDWARE CENTER TO CENTER SPACING (INCHES)	61.25 & 64.75	61.25 & 64.75	61.25 & 64.75
BREAKER DOGHOUSE - 1.44" DEPTH	YES	YES	YES
DIMENSIONS L (INCHES)	66.25	70	70
DIMENSIONS W	2	2	2
DIMENSIONS D	2	2	2

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) [02-15](#) (Plug Attached)



30 Amp, 3 Phase, 16.6kW

New 230/400V

New 230/400V

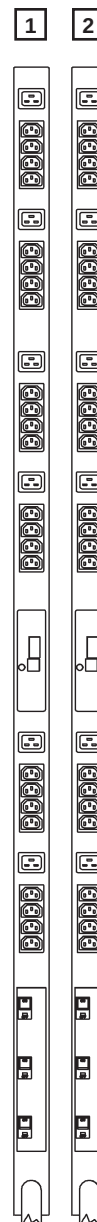
- All 3 phase and multi-input units have color-coded receptacle configurations or labeling for easy identification and load balancing
- UL® & c-UL® Listed 60950
- * Detailed meter spec available on page 72.
- FCC Part 15 Class A

YBM303-103IN6TL22

YBM303-103IN6PS56

LINE DRAWING	1	2
AMPS	30 x 3~	30 x 3~
VOLTS	230 / 400 WYE	230 / 400 WYE
OUTPUT VOLTAGE FOR 3 PHASE INPUT UNITS	230	230
TOTAL RECEPTACLE QTY	30	30
RECEPTACLE TYPE / QTY	C-13 / 24	C-13 / 24
RECEPTACLES PER BREAKER AND PHASE	8	8
RECEPTACLE TYPE / QTY	C-19 / 6	C-19 / 6
RECEPTACLES PER BREAKER AND PHASE	2	2
MAGNETIC CIRCUIT BREAKER / ON-OFF SWITCH WITH INTEGRAL GUARD	YES	YES
BREAKER AMPERAGE / QTY	20 / 3	20 / 3
BREAKER POLE CONFIGURATION	DOUBLE	DOUBLE
CURRENT MONITORING - LOCAL & ETHERNET	YES *	YES *
MONITORING	PHASE / BREAKER (X,Y,Z)	PHASE / BREAKER (X,Y,Z)
10' POWER CORD	1	1
TWIST-LOCK PLUG	L22-30P	N/A
IEC 60309 PIN & SLEEVE CONNECTOR	N/A	30A, 230/400V 4P / 5W
FULL-LENGTH VERTICAL MOUNTING BRACKET	YES	YES
TOOLLESS MOUNTING HARDWARE CENTER TO CENTER SPACING (INCHES)	61.25 & 64.75	61.25 & 64.75
BREAKER DOGHOUSE - 1.44" DEPTH	YES	YES
DIMENSIONS L (INCHES)	66.25	66.25
DIMENSIONS W	2	2

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) [02-15](#) (Plug Attached)

Basic & Metered

Monitored

Switched

Satellite

Environmental

Software

Accessories

Brackets

Educational

Resources

10.1kW 35 Amp, 3 Phase

- All 3 phase and multi-input units have color-coded receptacle configurations or labeling for easy identification and load balancing
- Detailed wiring diagram available on page 181.
- UL® & c-UL® Listed 60950
- * Detailed meter spec available on page 72.
- FCC Part 15 Class A

ZPBM368-105IT6CS15-35

LINE DRAWING	1
AMPS	35 x 3~
VOLTS	208 DELTA
OUTPUT VOLTAGE FOR 3 PHASE INPUT UNITS	208
TOTAL RECEPTACLE QTY	36
RECEPTACLE TYPE / QTY	C-13 / 30
RECEPTACLES PER BREAKER AND PHASE COMBINATION	10
RECEPTACLE TYPE / QTY	C-19 / 6
RECEPTACLES PER BREAKER AND PHASE COMBINATION	2
MAGNETIC CIRCUIT BREAKER / ON-OFF SWITCH WITH INTEGRAL GUARD	YES
BREAKER AMPERAGE / QTY	20 / 3
BREAKER POLE CONFIGURATION	DOUBLE
CURRENT MONITORING - LOCAL & ETHERNET	YES *
MONITORING	CIRCUIT / BREAKER (XY,YZ,ZX)
10' POWER CORD	1
CALIFORNIA STYLE PLUG	50A, 250V 3P / 4W
FULL-LENGTH VERTICAL MOUNTING BRACKET	YES
TOOLLESS MOUNTING HARDWARE CENTER TO CENTER SPACING (INCHES)	61.25 & 64.75
BREAKER DOGHOUSE - 1.44" DEPTH	YES
DIMENSIONS L (INCHES)	66.25
DIMENSIONS W	2
DIMENSIONS D	2

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) [02-15](#) (Plug Attached)

1



60 Amp, 208 Volt, 10kW

- UL® & c-UL® Listed 60950
- * Detailed meter spec available on page 72.
- FCC Part 15 Class A

ZPBM300-106IN6PS6

LINE DRAWING	1
AMPS	60
VOLTS	208
TOTAL RECEPTACLE QTY	30
RECEPTACLE TYPE / QTY	C-13 / 24
RECEPTACLES PER BREAKER	8
RECEPTACLE TYPE / QTY	C-19 / 6
RECEPTACLES PER BREAKER	2
MAGNETIC CIRCUIT BREAKER / ON-OFF SWITCH WITH INTEGRAL GUARD	YES
BREAKER AMPERAGE / QTY	20 / 3
BREAKER POLE CONFIGURATION	DOUBLE
CURRENT MONITORING - LOCAL & ETHERNET	YES *
MONITORING	BREAKER
10' POWER CORD	1
IEC 60309 PIN & SLEEVE CONNECTOR	60A, 250V 2P / 3W
FULL-LENGTH VERTICAL MOUNTING BRACKET	YES
TOOLLESS MOUNTING HARDWARE CENTER TO CENTER SPACING (INCHES)	61.25 & 64.75
BREAKER DOGHOUSE - 1.44" DEPTH	YES
DIMENSIONS L (INCHES)	66.25
DIMENSIONS W	2
DIMENSIONS D	2

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) [02-15](#) (Plug Attached)

1



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Resources

17.3kW 60 Amp, 3 Phase

- All 3 phase and multi-input units have color-coded receptacle configurations or labeling for easy identification and load balancing
- Detailed wiring diagrams available on page 181.
- UL® & c-UL® Listed 60950
- * Detailed meter spec available on page 72.
- FCC Part 15 Class A

2ZPRM128-106C19PS15

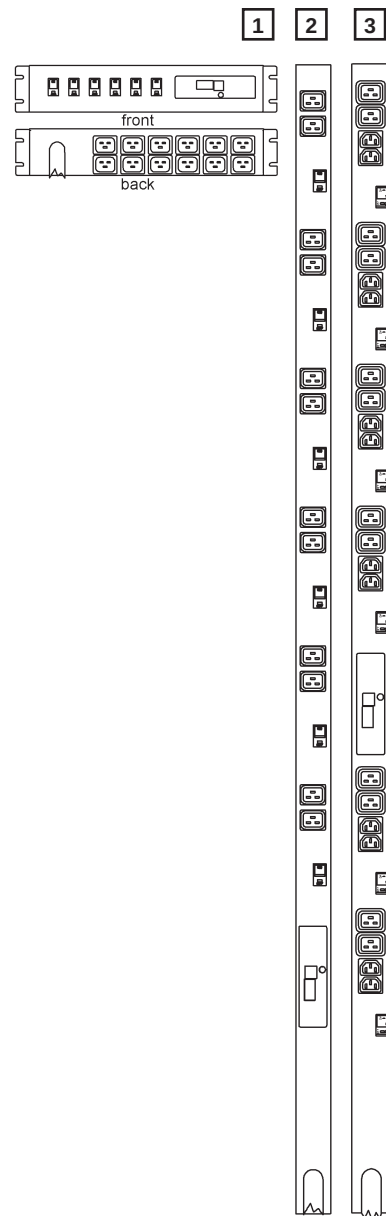
ZPBM128-106C19PS15

ZPBM248-106IBBPS15

LINE DRAWING	1	2	3
AMPS	60 X 3~	60 X 3~	60 X 3~
VOLTS	208 3~ DELTA	208 3~ DELTA	208 3~ DELTA
OUTPUT VOLTAGE FOR 3 PHASE INPUT UNITS	208	208	208
TOTAL RECEPTACLE QTY	12	12	24
RECEPTACLE TYPE / QTY	C-19 / 12	C-19 / 12	C-13 / 12
RECEPTACLES PER BREAKER	2	2	2
RECEPTACLE TYPE / QTY	N/A	N/A	C-19 / 12
RECEPTACLES PER BREAKER	N/A	N/A	2
MAGNETIC CIRCUIT BREAKER / ON-OFF SWITCH WITH INTEGRAL GUARD	YES	YES	YES
BREAKER AMPERAGE / QTY	20 / 6	20 / 6	20 / 6
BREAKER POLE CONFIGURATION	DOUBLE	DOUBLE	DOUBLE
CURRENT MONITORING - LOCAL & ETHERNET	YES *	YES *	YES *
MONITORING	BREAKER	BREAKER	BREAKER
10' POWER CORD	1	1	1
IEC 60309 PIN & SLEEVE CONNECTOR	60A, 250V 3P / 4W	60A, 250V 3P / 4W	60A, 250V 3P / 4W
2U RECESSED MOUNTING BRACKETS	YES	NO	NO
FULL-LENGTH VERTICAL MOUNTING BRACKET	NO	YES	YES
TOOLLESS MOUNTING HARDWARE CENTER TO CENTER SPACING (INCHES)	N/A	61.25 & 64.75	61.25 & 64.75
DIMENSIONS L/H (INCHES)	3.4	66.25	66.25
DIMENSIONS W	17	2.3	2.3
DIMENSIONS D	9	3.45	3.45

MODIFY TO MEET YOUR NEEDS

Cord Length (Feet) [02-15](#) (Plug Attached)



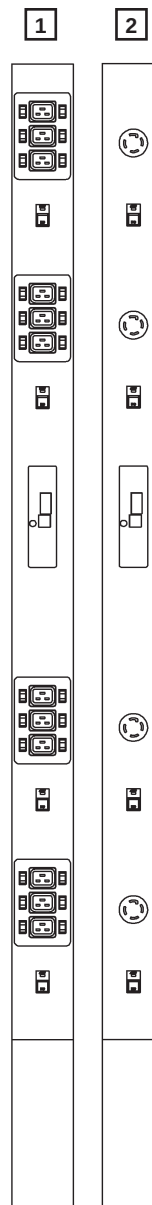
80 & 120 Amp, 3 Phase, 23kW - 34.5kW

- All 3 phase and multi-input units have color-coded receptacle configurations or labeling for easy identification and load balancing
- Detailed wiring diagram for 80A unit available on page 181.
- UL® & c-UL® Listed 60950
- * Detailed meter spec available on page 72.
- FCC Part 15 Class A

ZPBM128-XX8C19HW15-BE-OM

ZPBM048-XXXT30HW15-BE-OM

LINE DRAWING	1	2
AMPS	80 x 3~	120 x 3~
VOLTS	208 3~ DELTA	208 3~ DELTA
OUTPUT VOLTAGE FOR 3 PHASE INPUT UNITS	208	208 DELTA
TOTAL RECEPTACLE QTY	12	4
RECEPTACLE TYPE / QTY	C-19 / 12	L15-30R / 4
RECEPTACLES PER BREAKER	3	1
MAGNETIC CIRCUIT BREAKER / ON-OFF SWITCH WITH INTEGRAL GUARD	YES	YES
BREAKER AMPERAGE / QTY	20 / 4	30 / 4
BREAKER POLE CONFIGURATION	TRIPLE	TRIPLE
CURRENT MONITORING - LOCAL & ETHERNET	YES *	YES *
MONITORING	PHASE (X,Y,Z) & OUTLET	PHASE (X,Y,Z) & OUTLET PHASE
HARDWIRED - WIRING ACCESS PANEL - CONDUIT CONNECTION ACCESS	YES	YES
HARDWIRED CONNECTION OPENING	1.5" TRADE SIZE	1.5" TRADE SIZE
TERMINAL BLOCK ACCEPTS WIRE GAUGE	14 - 2/0	14 - 2/0
SUGGESTED BRANCH CIRCUIT BREAKER RATING	100A	150A
TOOLLESS MOUNTING HARDWARE CENTER TO CENTER SPACING (INCHES)	61.25 & 64.75	61.25 & 64.75
DIMENSIONS L (INCHES)	66.25	66.25
DIMENSIONS W	3.5	3.5
DIMENSIONS D	3.5	3.5



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