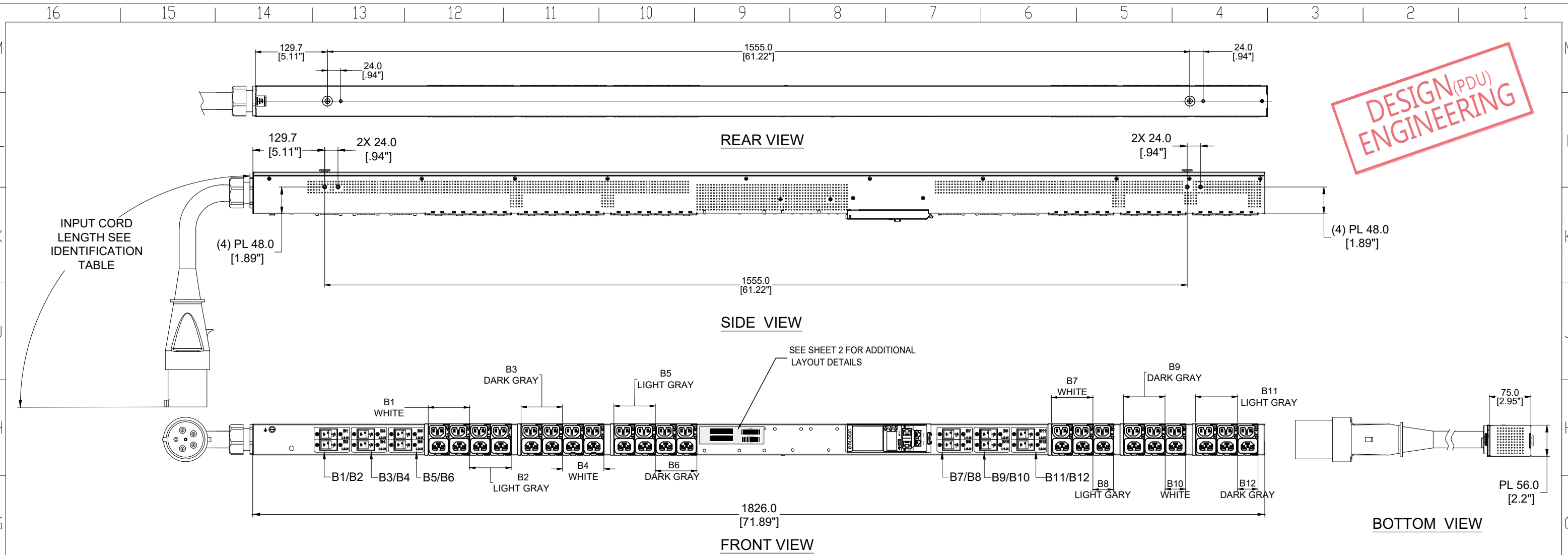




TECHNICAL SPECIFICATIONS	
UNIT TYPE:	MONITORED & SWITCHED PER OUTLET
ORIENTATION:	VERTICAL, 0U FULL
OUTLET QTY & TYPE:	(21)C13/C15,(21)C13/C15/C19
INPUT VOLTAGE:	200-240/346-415VAC
INPUT CURRENT:	60A (48A DERATED)(NAM)/63A(EU)
BREAKER QTY & TYPE:	(12) 20AMP, SINGLE-POLE ,10kA
INPUT PHASE:	THREE-PHASE, WYE
RATED POWER:	DUAL-RATED 34.6 kVA (NAM) /43.5kVA (EU)
INPUT PLUG:	SEE NOTE 7
INPUT POWER CORD:	SEE IDENTIFICATION TABLE
FEATURES	
METERING ACCURACY	+ -1% TO ISO/ IEC 62052-21
METERING ATTRIBUTES	VOLTAGE(V), CURRENT(A), APPARENT POWER(kVA), REAL POWER(kW), POWER FACTOR, ENERGY(kWh)
METERED COMPONENTS	INPUT(PHASE),CIRCUIT BREAKERS,OUTLETS
REMOTE OUTLET SWITCHING	YES
ENVIRONMENTAL CONDITIONS	
OPERATING TEMPERATURE	-5 TO 60 C (23 TO 140 F)
STORAGE TEMPERATURE	-20 TO 60 C (-4 TO 140 F)
HUMIDITY (OPERATING/STORAGE)	5-90% RH / 5-95% RH; NON-CONDENSING
MAX OPERATING ELEVATION, ABOVE MSL	3000M(9840FT)
COMPLIANCE	
SAFETY&ENVIRONMENTAL	RoHS COMPLIANT

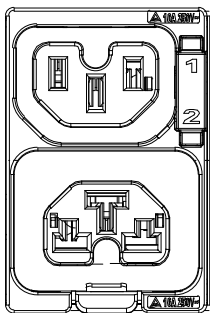
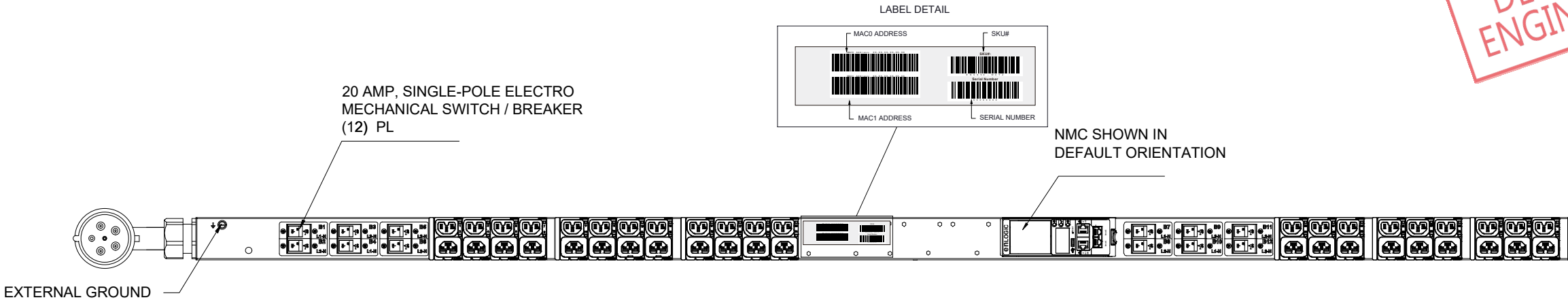
IDENTIFICATION TABLE	EN6950-*	* INPUT PLUG	* CHASSIS COLOR	* CORD OPTION	* ORIENTATION
MODEL IS SHOWN IN DEFAULT CONFIGURATION. FOR OPTIONAL CONFIGURATIONS, USE ITEM IDENTIFIER CODE IN PLACE OF EACH ASTERISK. ORDERABLE BASED ON FORMAT: EN6950-****		(DEFAULT) 563P6 (IP44) = 0	(DEFAULT) BLACK = 0 BLUE = B RED = R WHITE = W GREEN = G YELLOW = Y	(DEFAULT) 1.8m [6'] = 0 1m [3.2'] = 1 2m [6.6'] = 2 3m [10'] = 3	(DEFAULT) TOP FEED = 0 BOTTOM FEED = 2
OPTIONS LISTED ON THIS ROW ARE NON STANDARD, CONTACT SALES FOR ADDITIONAL INFORMATION		(OPTIONAL)563P6W(IP67) = 2	ORANGE = A	0.5m [1.6'] = A 1.5m [4.9'] = B 2.5m [8.2'] = C	

- NOTES :
- INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
 - PRIMARY DIMENSIONS ARE IN MILLIMETERS. SECONDARY DIMENSIONS ARE IN [INCHES]
 - UNIVERSAL MOUNTING BRACKET IS AN ALTERNATIVE MOUNTING METHOD TO THE TOOLLESS MOUNT FOR 3RD PARTY ENCLOSURES. BRACKET IS PROVIDED WITH THE UNIT.
 - DETAILED INSTALLATION INSTRUCTIONS CAN BE FOUND IN THE QUICK START GUIDE
 - CONNECT EXTERNAL EARTH GROUND TO THE 10-32 SIZE THREADED NUT
 - SEE PRODUCT DOCUMENTATION FOR FURTHER INFORMATION
 - INPUT PLUG CONFIGURATION (SEE IDENTIFICATION TABLE) FOR DUAL-RATED UNITS, NEMA PLUGS ARE NAM RATED ONLY AND CAPTIVE AUS/NZ PLUGS ARE EMEA RATED ONLY

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ECN-2302-0023	E3	ADD MAC LABEL& LA UPDATE &SPECIFICATION UPDATE TO DUARL-RATING	2023/02/09	LRF
ECN-2210-0226	E2	REVISE METER ACCURACY AND ATTRIBUTES CONTENT	2022/10/08	Leo Liu
	E1	INITIAL DRAFT REVIEW	2022/05/23	LRF
ECN/ECO	REV.	DESCRIPTION	DATE	APPROVED
REVISIONS				
TITLE :		UNLESS NOTED, DIMENSIONS ARE IN MILLIMETERS & TOLERANCES ARE:		
Advantage Series Metered & Switched per outlet		X ±1 MM X° ±1°		
		X.X ±0.5 MM X.X° ±0.5°		
PROJECT : enLOGIC		X ±0.20 MM		
		Ø X.X ±0.3 MM		
		Ø X.XX ±0.10 MM		
		BRACKETED DIMENSIONS ARE IN INCHES FOR REFERENCE ONLY		
		⊕ ⊖ THRID ANGLE PROJECTION		
		INTERPRET PER ASME Y14.5M-1994		
		PART NO: EN6950-WXYZ_DA	REV. E3	
		DRAWN BY: LRF	2022/05/23	
		ENGINEER: LJB	2023/02/09	
		APPROVED BY: Hanson	2023/02/09	
		SCALE : N/A	SHEET 1 OF 3	SIZE: A3

DESIGN^(PDU)
ENGINEERING



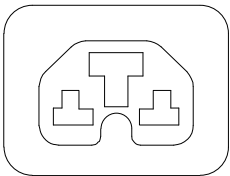
RECEPTACLE

C13/C15 COMBO
10A, 250V MAX
RATED OUTPUT

C13/C15/C19 COMBO
16A, 250V MAX
RATED OUTPUT

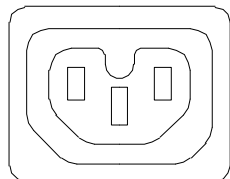
STANDARD
RECEPTACLES

RECEPTACLE



C13/C15/C19 COMBO
16A, 250V MAX
RATED OUTPUT

RECEPTACLE



C13/C15 COMBO
10A, 250V MAX
RATED OUTPUT

INPUT PLUG

(DEFAULT)

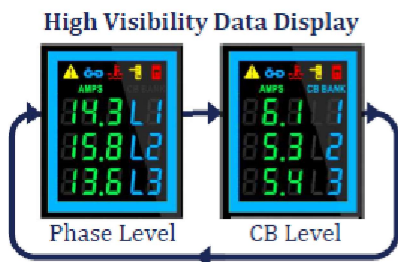


IEC 60309, 3P+N+E,6H
IP44(SPLASHPROOF)
DUAL RATED 60A
(48A DERATED)/63A 346-415V MAX
RATED INPUT

OPTIONAL



IEC 60309, 3P+N+E,6H
IP67(WATERTIGHT)
DUAL RATED 60A
(48A DERATED)/63A 346-415V MAX
RATED INPUT



USB-C
(upgrades, connectivity, and
future-proof expansion)

10/100/Gigabit Ethernet Port
(primary network port)

Digital Sensor Port 1
(supports up to 8 physical
sensors)



Critical Alarm Alerts

- ⚠ PDU Alarm
- 🔗 Cascade Error
- 🌡 Environmental Alarm
- 🔒 Security Alarm
- 🔧 Circuit Breaker Alarm

Source Color Coding
(User Selected Option)



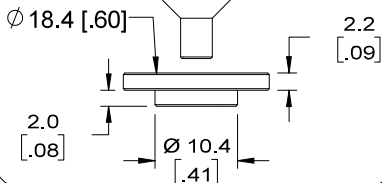
User Interactive Display
(for setup and detailed information)

10/100 Ethernet Port
(for redundancy and Ethernet
cascading)

Digital Sensor Port 2

MOUNTING BUTTON

BUTTON MOUNTING SCREW
(INCLUDED)



- NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
 2. SEE PRODUCT DOCUMENTATION FOR FURTHER INFORMATION

enLOGIC by nvent

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TITLE:

Advantage Series
Metered & Switched per outlet

PROJECT:

enLOGIC

UNLESS NOTED, DIMENSIONS ARE IN MILLIMETERS & TOLERANCES ARE:

X. ±1 MM X° ±1°
X.X ±0.5 MM X.X° ±0.5°
X.XX ±0.20 MM
Ø X.X ±0.3 MM
Ø X.XX ±0.10 MM

BRACKETED DIMENSIONS ARE IN INCHES FOR REFERENCE ONLY

THIRD ANGLE PROJECTION

INTERPRET PER ASME Y14.5M-1994

PART NO:
EN6950-WXYZ_DA

DRAWN BY: LRF 2022/05/23

ENGINEER: LJB 2023/02/09

APPROVED BY: Hanson 2023/02/09

SCALE: N/A

SHEET
2 OF 3

SIZE:
A3

enLOGIC

RACK Power Distribution Unit

Metered&Switched per outlet

Made In XXXXX

SKU #: EN6950-WXYZ

Model #: EP162048-0061-C(NA)/EP162063-0061-C(EU)

INPUT: 200-240/346-415VAC, WYE, 3PHASE, 50/60Hz, 48A(NA),OR 200-240/346-415VAC, WYE, 3PHASE, 50/60Hz, 63A (EU)

OUTPUT: C13/C15 COMBO; 200-240VAC, 10A per outlet C13/C15/C19 COMBO; 200-240VAC, 16A max per outlet 48A Total(NA) OR 63A Total(EU)

MAC0 Address:XX-XX-XX-XX-XX-XX

MAC1 Address:XX-XX-XX-XX-XX-XX

N

CE

UKCA

FC

US

50

CIS Global LLC

1601 W COMMERCE

CT TUCSON,

AZ 85746

Serial Number

XXXXXXXXXX

SKU#:

EN6950-WXYZ

Serial Number

XXXXXXXXXX

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:
(1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND
(2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION. CAN ICES-3(A)/NMB-3(A)

COMPLIANCE LABEL

NOTES:

1. INTERNAL WIRING

WIRE TYPE: UL AWM 1015, 10 &12 & 18AWG

LINE 1/R/X COLOR: BLACK

LINE 2/S/Y COLOR: ORANGE

LINE 3/T/Z COLOR: RED

NEUTRAL COLOR: WHITE

EARTH GROUND COLOR: GREEN STRIPE

2. FOR FINISHED GOOD PART NUMBER SEE IDENTIFICATION

DESIGN(PDU)
ENGINEERING

The diagram illustrates the internal wiring of a rack power distribution unit. It shows the flow of power from the input (J0) through various components to the output outlets. Key components include:

- Input (J0):** 1 Line1/R/X: Black, 2 Line2/S/Y: Orange, 3 Line3/T/Z: Red, 4 Neutral: White, 5 Earth ground: Green.
- Power Supply:** AWM 1015, 18AWG, with ferrite beads (F1, F2) and a power switch (CN1).
- NMC Core Board:** Connected to the power supply and the back board.
- Back Board:** Distributes power to the VT boards.
- VT Boards:** Voltage Transformer boards (J1, J2, J3, J4, J5, J6) that step down the voltage.
- Control Boards:** Manage the power distribution to the relay boards.
- Relay Boards:** Control the power flow to the outlets.
- Outlets:** 4x C13+4x C13+4x C19, 3x C13+3x C13+3x C19, and 3x C13+3x C13+3x C19.

INTERNAL WIRING SCHEMATIC DIAGRAM

NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.

2. SEE PRODUCT DOCUMENTATION FOR FURTHER INFORMATION

3. THIS DRAWING DEPICTS THE POWER SYSTEM CONNECTIONS AND IS NOT REPRESENTATIVE OF THE PHYSICAL LAYOUT. PLEASE REFER TO MECHANICAL DRAWINGS FOR PHYSICAL LAYOUT.

enLOGIC

by nvent

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TITLE:

Advantage Series

Metered & Switched per outlet

PROJECT:

enLOGIC

UNLESS NOTED, DIMENSIONS ARE IN MILLIMETERS & TOLERANCES ARE:

X. ±1 MM

X.X ±0.5 MM

X.XX ±0.20 MM

Ø X.X ±0.3 MM

Ø X.XX ±0.10 MM

BRACKETED DIMENSIONS ARE IN INCHES FOR REFERENCE ONLY

THIRD ANGLE PROJECTION

INTERPRET PER ASME Y14.5M-1994

PART NO:

EN6950-WXYZ_DA

REV:

E3

DRAWN BY:

LRF

2022/05/23

ENGINEER:

LJB

2023/02/09

APPROVED BY:

Hanson

2023/02/09

SCALE:

N/A

SHEET

3 OF 3

SIZE:

A3