

TECHNICAL SPECIFICATIONS	
UNIT TYPE:	BASIC
ORIENTATION:	VERTICAL, 0U FULL
OUTLET QTY & TYPE:	(24)C13/C15, (24)C13/C15/C19
INPUT VOLTAGE:	200-240/346-415VAC
INPUT CURRENT:	30A (24A DERATED) (NAM)/32A(EU)
BREAKER QTY & TYPE:	(6) 20AMP, SINGLE-POLE
INPUT PHASE:	THREE-PHASE, WYE
RATED POWER:	DUAL- RATED 17.3 kVA (NAM) / 22.1kVA (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	N/A
REMOTE OUTLET SWITCHING	N/A
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	RB 0850	*	*	*	*	**
MODEL IS SHOWN IN DEFAULT CONFIGURATION. FOR OPTIONAL CONFIGURATIONS, USE ITEM IDENTIFIER CODE IN PLACE OF EACH ASTERISK. ORDERABLE BASED ON FORMAT: RB0850 **** DO NOT INCLUDE TRAILING ZEROS IN **** SUFFIX	INPUT PLUG	CHASSIS COLOR	CORD OPTION	ORIENTATION	CB	
	(DEFAULT) 532P6 (IP44) = 0 532P6 (IP67) = W	(DEFAULT) BLACK = 0 BLUE = B RED = R GREEN = G WHITE = W 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		ORANGE = A	0.5m [1.6'] = A 1.5m [4.9'] = B 2.5m [8.2'] = C	1.2m [4'] = G 1.8m [6'] = F	(DEFAULT) 5 KAIC CB = 00 10 KAIC CB = 01	

- 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

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF CIS GLOBAL AND SHALL NOT BE COPIED, REPRODUCED OR USED IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM CIS GLOBAL. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE

ECN/ECO	REV.	DESCRIPTION	DATE	APPROVED
ECN-2210-0226	E3	REVISE METER ACCURACY AND ATTRIBUTES CONTENT	2022/10/08	LRF
PEC-2208-0039	E2	UPDATED IDENTIFICATION TABLE, ADDED CB MODEL OPTIONS	2022/08/26	Leo Liu
	E1	INITIAL DRAFT REVIEW	2022/04/14	Leo Liu

REVISIONS		PART NO:	REV.
<b>TITLE :</b>	Advantage Series Basic	RB0850WXYZ_DA	E3
<b>PROJECT :</b>	RackPower	<b>DRAWN BY:</b> Leo Liu	2022/04/14
		<b>ENGINEER:</b> LJB	2022/10/08
		<b>APPROVED BY:</b> Hanson	2022/10/08
		SCALE : N/A	SHEET 1 OF 3
			SIZE: A3

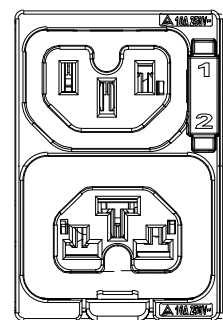
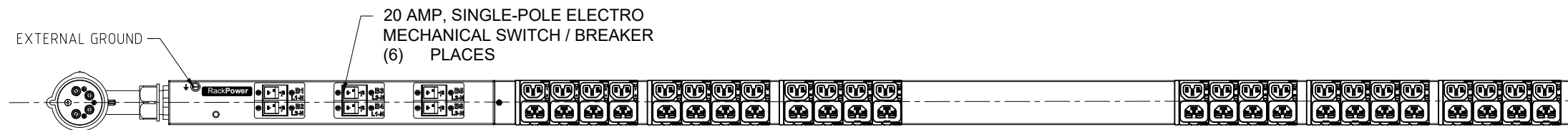
UNLESS NOTED, DIMENSIONS ARE IN MILLIMETERS & TOLERANCES ARE:

X	±1	MM	X"	±1"
X.X	±0.5	MM	X.X"	±0.5"
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

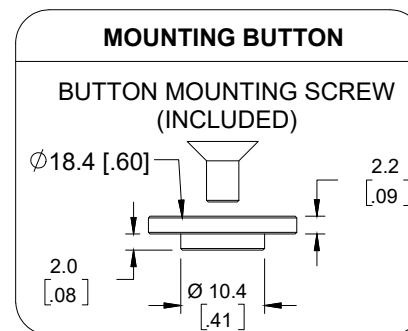
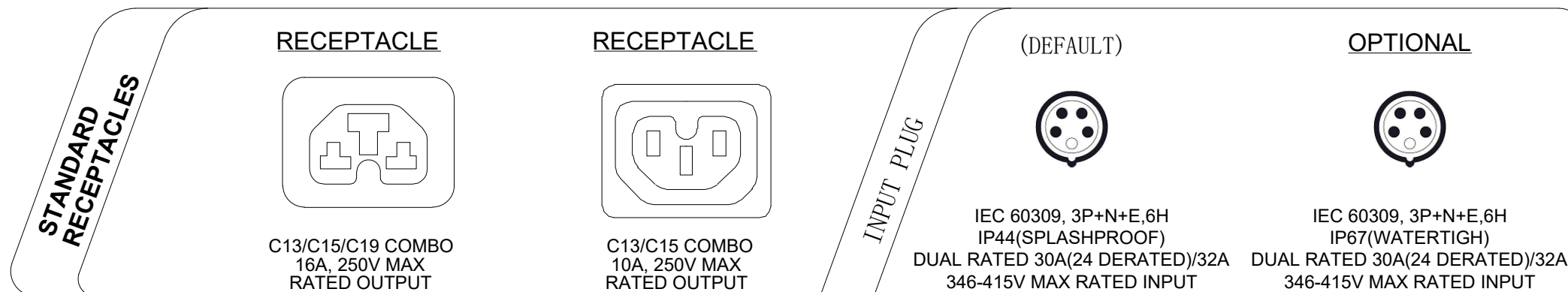
INTERPRET PER ASME Y14.5M-1994



**RECEPTACLE**

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

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



ECN/ECO	REV.	DESCRIPTION	DATE	APPROVED
ECN-2210-0226	E3	REVISE METER ACCURACY AND ATTRIBUTES CONTENT	2022/10/08	LRF
PEC-2208-0039	E2	UPDATED IDENTIFICATION TABLE, ADDED CB MODEL OPTIONS	2022/08/26	Leo Liu
	E1	INITIAL DRAFT REVIEW	2022/04/14	Leo Liu

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

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF CIS GLOBAL AND SHALL NOT BE COPIED, REPRODUCED OR USED IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM CIS GLOBAL. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE

**TITLE :**  
Advantage Series  
Basic

**PROJECT :**  
RackPower

UNLESS NOTED, DIMENSIONS ARE IN MILLIMETERS & TOLERANCES ARE:  
 X ±1 MM X° ±1°  
 X.X ±0.5 MM X.X° ±0.5°  
 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.:**  
RB0850WXYZ\_DA

**REV.:**  
E3

**DRAWN BY:** Leo Liu 2022/04/14  
**ENGINEER:** LJB 2022/10/08  
**APPROVED BY:** Hanson 2022/10/08

**SCALE :** N/A

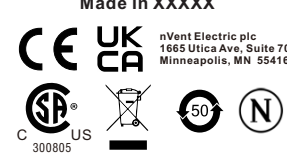
**SHEET:** 2 OF 3  
**SIZE:** A3



**RackPower Distribution Unit**  
Basic


SKU #: RB0850WXYZ  
Model #: EP402024-0062-C(NA)/EP402032-0062-C(EU)  
INPUT: 200-240/346-415VAC, WYE, 3PHASE, 50/60Hz, 24A(NA), OR 200-240/346-415VAC, WYE, 3PHASE, 50/60Hz, 32A(EU)  
OUTPUT: C13/C15 COMBO; 200-240VAC, 10A per outlet  
C13/C15/C19 COMBO; 200-240VAC, 16A max per outlet  
24A Total(NA) OR 32A Total(EU)

Made In XXXXX




nVent Electric plc  
1665 Utica Ave, Suite 700  
Minneapolis, MN 55416


SKU#: RB0850WXYZ



Serial Number: XXXXXXXX



PRODUCT CODE: XXXXX



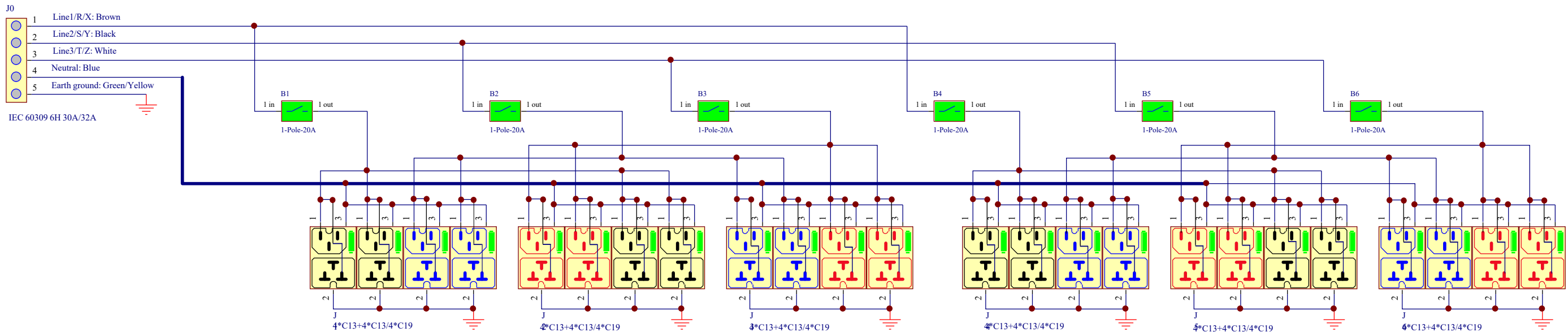
COMPLIANCE LABEL

**NOTES:**

**1. INTERNAL WIRING**


- |                     |                              |
|---------------------|------------------------------|
| WIRE TYPE:          | UL AWM 1015, 10 & 12 & 18AWG |
| LINE 1/R/X COLOR:   | BROWN                        |
| LINE 2/S/Y COLOR:   | BLACK                        |
| LINE 3/T/Z COLOR:   | WHITE                        |
| NEUTRAL COLOR:      | BLUE                         |
| EARTH GROUND COLOR: | GREEN / YELLOW STRIPE        |

**2. FOR FINISHED GOOD PART NUMBER SEE IDENTIFICATION**



**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.



THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF CIS GLOBAL AND SHALL NOT BE COPIED, REPRODUCED OR USED IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM CIS GLOBAL. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE

ECN/ECO	REV.	DESCRIPTION	DATE	APPROVED
ECN-2210-0226	E3	REVISE METER ACCURACY AND ATTRIBUTES CONTENT	2022/10/08	LRF
PEC-2208-0039	E2	UPDATED IDENTIFICATION TABLE, ADDED CB MODEL OPTIONS	2022/08/26	Leo Liu
	E1	INITIAL DRAFT REVIEW	2022/04/14	Leo Liu

<b>TITLE :</b> Advantage Series Basic		UNLESS NOTED, DIMENSIONS ARE IN MILLIMETERS & TOLERANCES ARE: X ±1 MM X° ±1° X.X ±0.5 MM X.X° ±0.5° X ±0.20 MM Ø X.X ±0.3 MM Ø X.XX ±0.10 MM		PART NO: RB0850WXYZ_DA		REV. E2	
<b>PROJECT :</b> RackPower		BRACKETED DIMENSIONS ARE IN INCHES FOR REFERENCE ONLY ⊕ THRID ANGLE PROJECTION INTERPRET PER ASME Y14.5M-1994		DRAWN BY: Leo Liu		2022/04/14	
				ENGINEER: LJB		2022/10/08	
				APPROVED BY: Hanson		2022/10/08	
				SCALE : N/A		SHEET 3 OF 3	
						SIZE: A3	