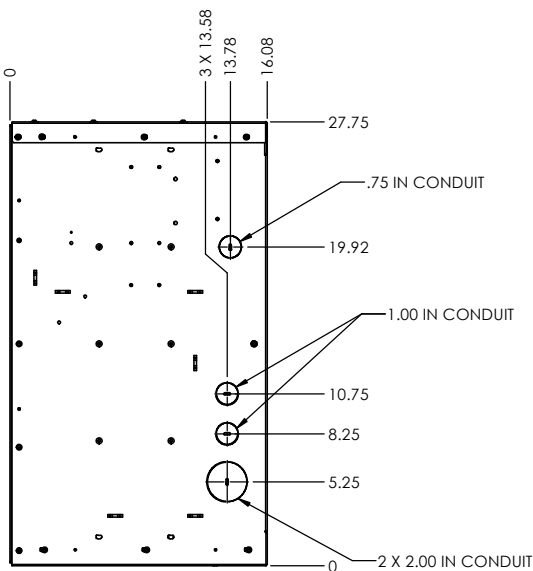


Notes:

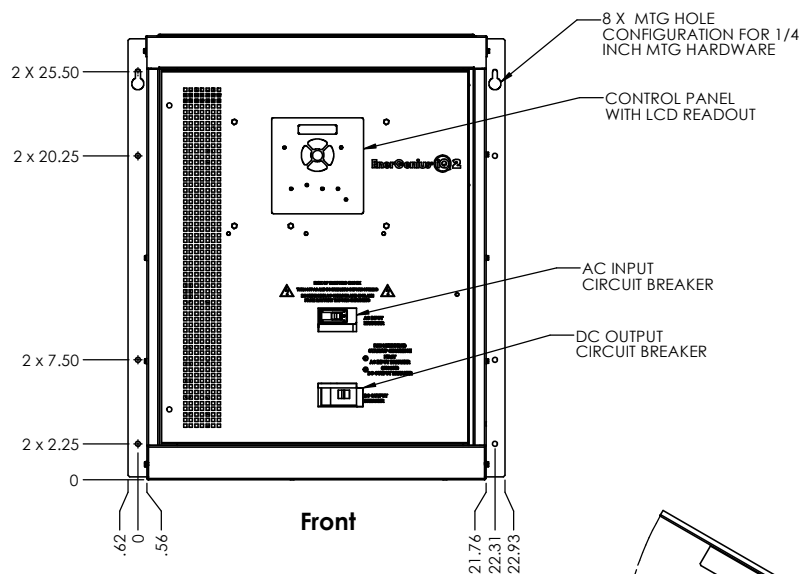
1. Allow 6 inch of free air space minimum top, 4in free air space bottom for ventilation.

4 X 3/8-16 THREADED HOLES
PROVIDED FOR LIFTING HARDWARE

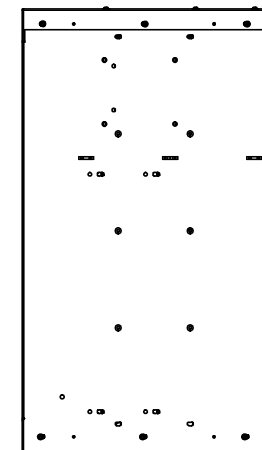
Top



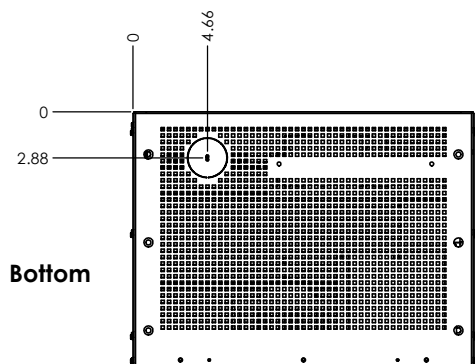
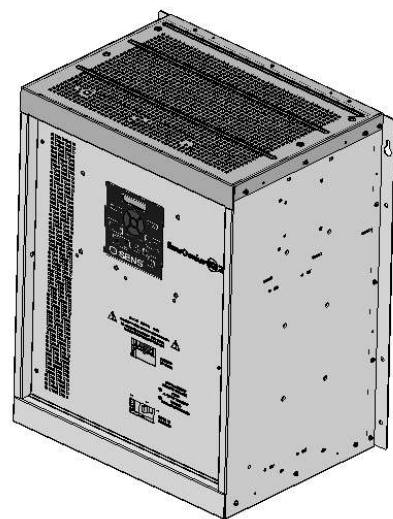
Left



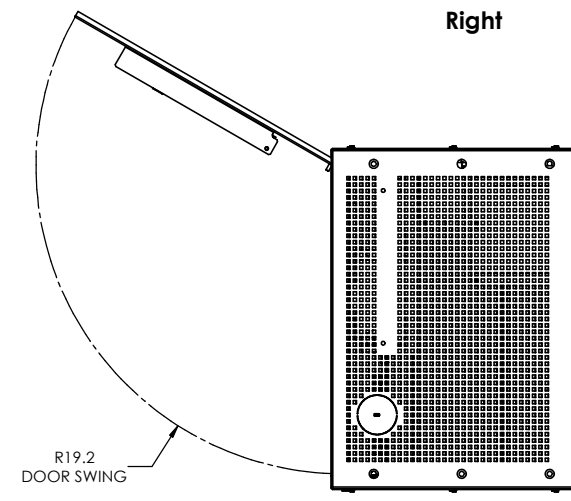
Front



Right



Bottom



WALL MOUNT CONFIGURATION

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UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
DEFAULT TOLERANCES:
ANGLES $\pm 1^\circ$
TWO PLACE DECIMAL $\pm .01$
THREE PLACE DECIMAL $\pm .001$
DO NOT SCALE DRAWING

NAME	DATE	DESCRIPTION	REV
DRAWN	JWF	4/20/2021	2DCAD,Q2,GEN2,STANDARD
CHECKED			
THIRD ANGLE PROJECTION		SIZE C	DOCUMENT NUMBER
DIMENSIONS & TOLERANCES PER ASME Y14.5 - 2009		2DCAD-Q2-GEN2-STD	B
			SHEET 1 OF 6

Notes:

1. Allow 6 inch min of free air space above the top surface.

4 X 3/8-16 THREADED HOLES
PROVIDED FOR LIFTING HARDWARE

Top

8 X MTG HOLE
CONFIGURATION FOR 1/4
MTG HARDWARE

CONTROL PANEL
WITH LCD READOUT

AC INPUT
CIRCUIT BREAKER

DC OUTPUT
CIRCUIT BREAKER

Front

Right

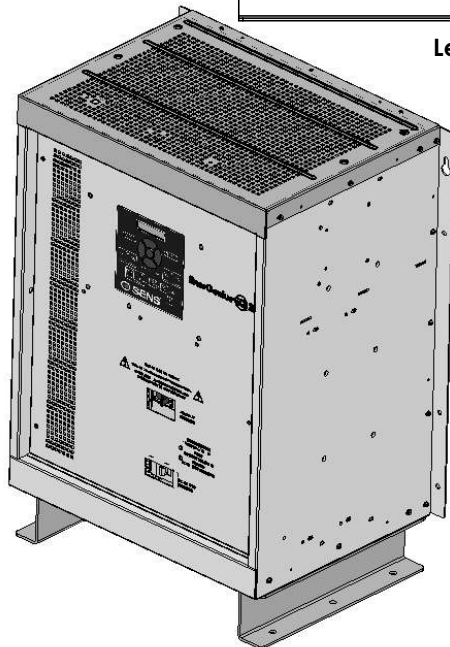
Left

Bottom

FLOOR MOUNT CONFIGURATION

19.2
DOOR SWING

6 X Ø .437 HOLE THRU
FOR FLOOR MOUNTING
WITH 3/8 IN HARDWARE



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
DEFAULT TOLERANCES:
ANGLES ± 1°
TWO PLACE DECIMAL ±.01
THREE PLACE DECIMAL ±.005
DO NOT SCALE DRAWING

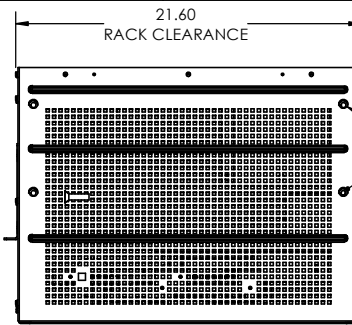
THIRD ANGLE PROJECTION
DIMENSIONS & TOLERANCES
PER ASME Y14.5 - 2009

REVISIONS		DATE	APPROVED
DCN	REV	DESCRIPTION	
-	-	See Sheet 1	-
NAME		DATE	DESCRIPTION
DRAWN		JWF	4/20/2021
CHECKED			
THIRD ANGLE PROJECTION			
SIZE		DOCUMENT NUMBER	REV
C		2DCAD-Q2-GEN2-STD	B
SHEET 2 OF 6			

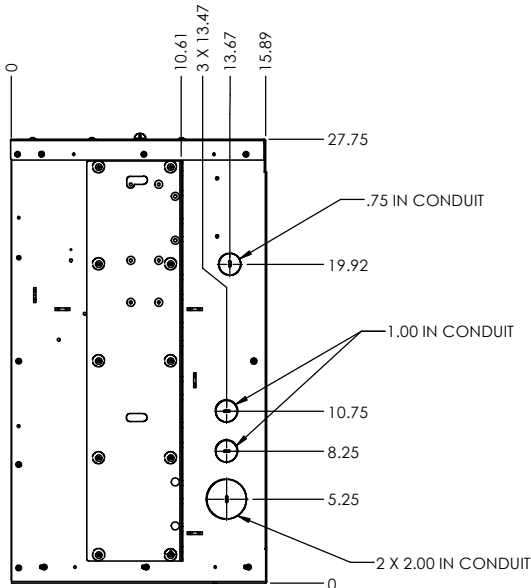
Notes:

1. Allow 6 inch of free air space minimum top, 4in free air space bottom for ventilation.

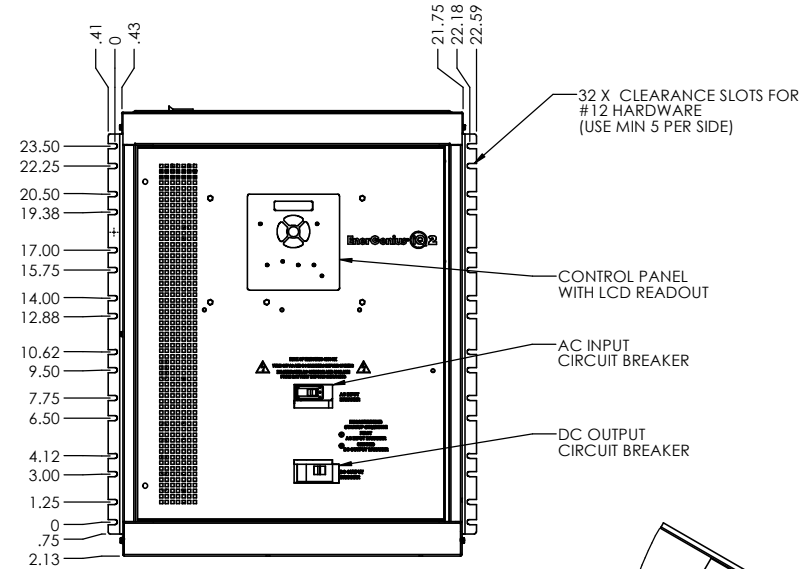
Top



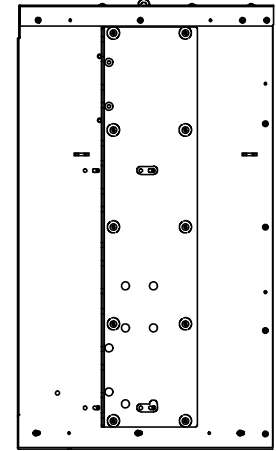
REVISIONS				
DCN	REV	DESCRIPTION	DATE	APPROVED
--	--	See sheet 1.	--	--



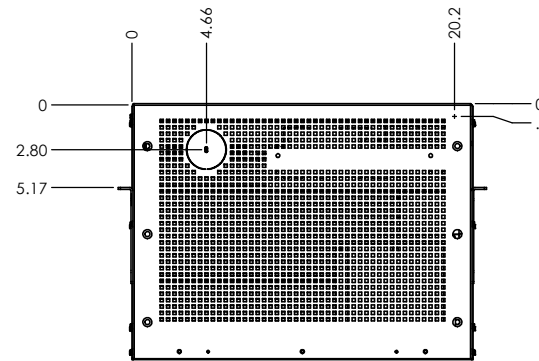
Left



Front

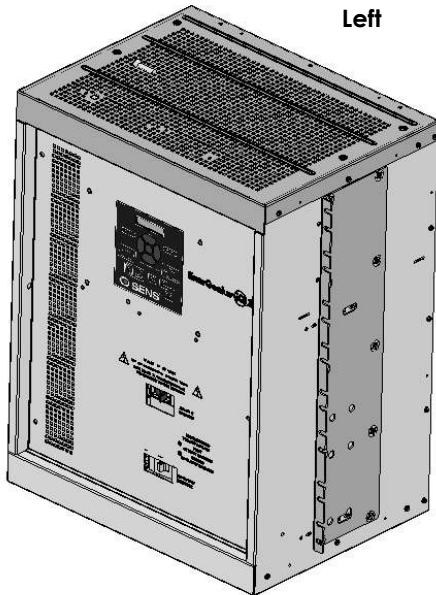


Right



Bottom

19.2
DOOR SWING



RACK MOUNT CONFIGURATION



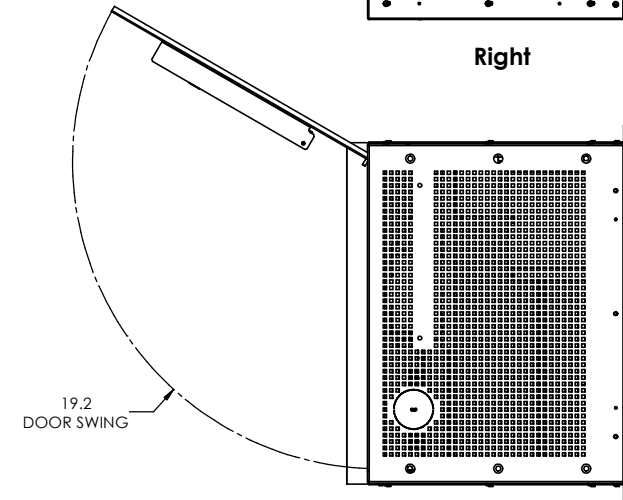
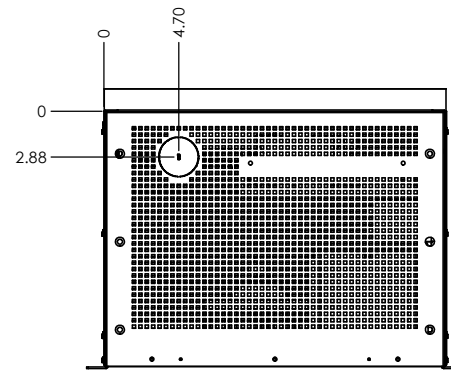
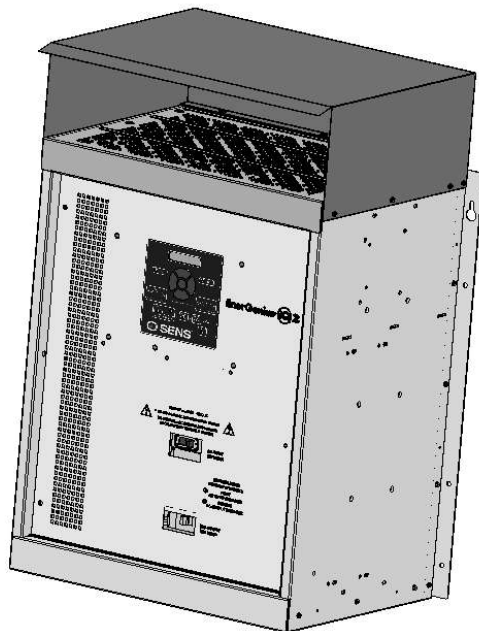
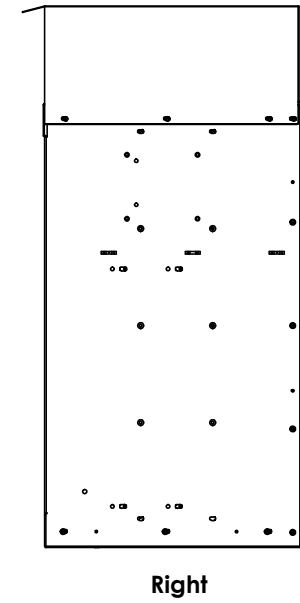
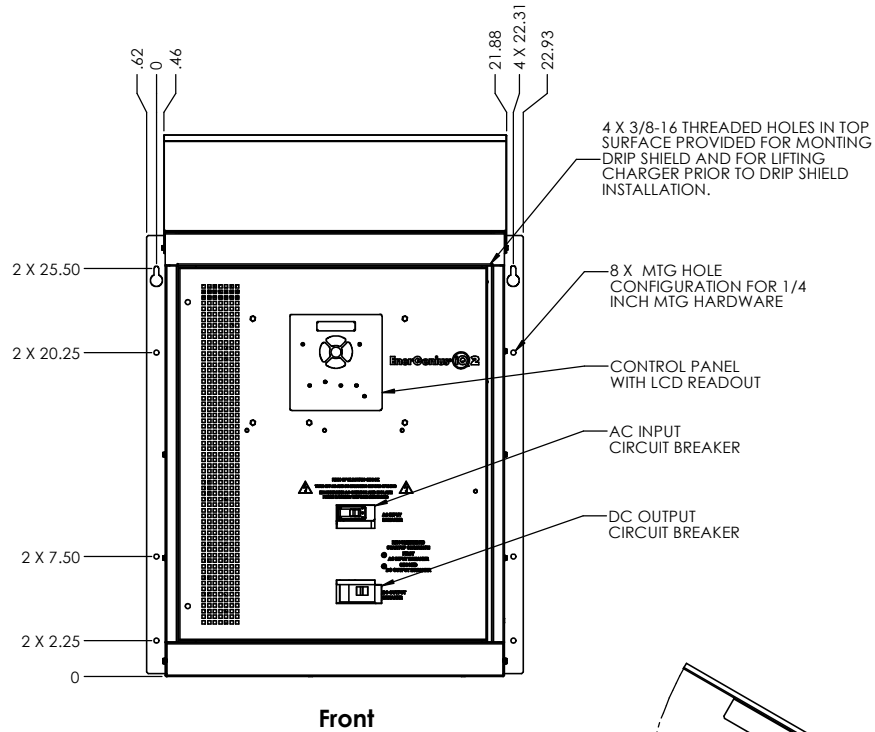
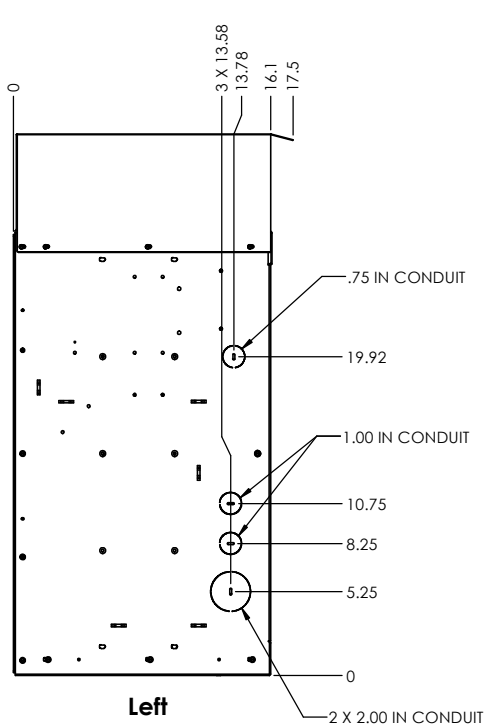
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
DEFAULT TOLERANCES:
ANGLES $\pm 1^\circ$
TWO PLACE DECIMAL $\pm .01$
THREE PLACE DECIMAL $\pm .001$
DO NOT SCALE DRAWING

NAME	DATE	DESCRIPTION	REV
DRAWN: JWF	4/20/2021	2DCAD, Q2, GEN2, STANDARD	B
CHECKED:			
THIRD ANGLE PROJECTION		SIZE: C	DOCUMENT NUMBER: 2DCAD-Q2-GEN2-STD
DIMENSIONS & TOLERANCES PER ASME Y14.5 - 2009			SHEET 3 OF 6

Notes:

1. Allow 6 inch of free air space minimum top, 4in free air space bottom for ventilation.

REVISIONS				
DCN	REV	DESCRIPTION	DATE	APPROVED
--	--	See sheet 1.	--	--



STANDARD DRIP SHIELD CONFIGURATION



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
DEFAULT TOLERANCES:
ANGLES $\pm 1^\circ$
TWO PLACE DECIMAL $\pm .01$
THREE PLACE DECIMAL $\pm .001$
DO NOT SCALE DRAWING

NAME	DATE	DESCRIPTION	REV
DRAWN	JWF	4/20/2021	2DCAD,Q2,GEN2,STANDARD
CHECKED			
THIRD ANGLE PROJECTION			
DIMENSIONS & TOLERANCES PER ASME Y14.5 - 2009			
SIZE	DOCUMENT NUMBER		
C	2DCAD-Q2-GEN2-STD		B
			SHEET 4 OF 6

1. Allow 6 inch of free air space minimum top, 4in free air space bottom for ventilation.

Technical drawing of the front panel of the 1000Watt UPS, showing dimensions and component labels.

Dimensions (inches):

- Top width: 39.56
- Top width (lower section): 33.76
- Top width (lower section): 8.51
- Top width (lower section): .62
- Top width (lower section): 0
- Top width (lower section): 4 X 22.31
- Top width (lower section): 22.93
- Top width (lower section): 30.82
- Left side height: 2 X 25.53
- Left side height: 2 X 20.28
- Left side height: 2 X 7.53
- Left side height: 2 X 2.28
- Left side height: 0

Labels:

- 4 X 3/8-16 THREADED HOLES IN TOP SURFACE PROVIDED FOR MONTING DRIP SHIELD AND FOR LIFTING CHARGER PRIOR TO DRIP SHIELD INSTALLATION.
- 8 X MTG HOLE CONFIGURATION FOR 1/4 INCH MTG HARDWARE
- CONTROL PANEL WITH LCD READOUT
- AC INPUT CIRCUIT BREAKER
- DC OUTPUT CIRCUIT BREAKER

Technical drawing of a rectangular structure, likely a component or assembly. The drawing includes dimensions and a grid pattern.

Dimensions:

- 0 (vertical dimension on the left)
- 2.88 (vertical dimension on the left)
- 0 (vertical dimension on the right)
- 4.66 (horizontal dimension at the top)

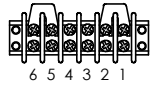
The structure features a grid pattern on the right side, with a circular feature (possibly a hole or a fastener) located within the grid. The grid is composed of small squares, and the circular feature is positioned near the top-left corner of the grid area.

A diagram showing a side view of a wall-mounted unit. A door is shown in an open position, swinging outwards. The door is hinged to the side of the unit. The unit itself has a rectangular front panel with a grid-like pattern. A label 'SWING' with an arrow points to the door's path.

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	DIMENSIONS ARE IN INCHES	DRAWN	JWF		
	DEFAULT TOLERANCES ARE:	CHECKED		2DCAD, Q2, GEN2, STANDARD	
ANGLES $\pm 1^\circ$ TWO PLACE DECIMAL $\pm$ NA THREE PLACE DECIMAL $\pm$ NA DO NOT SCALE DRAWING	THIRD ANGLE PROJECTION			SIZE C DOCUMENT NUMBER 2DCAD-Q2-GEN2-STD	B
	DIMENSIONS & TOLERANCES PER ASME Y14.5				SHEET 5 OF 6

FIGURE 1
INPUT VOLTAGE SELECTION

INPUT VOLTAGE CODES P, T (TRIPLE INPUT)



115-120V

-OR-



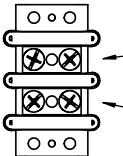
208V
BOTH JUMPERS
SAME POSITION

-OR-



230-240V
BOTH JUMPERS
SAME POSITION

Input Voltage Code Z (Dual Input)



DO NOT MOVE
WIRES ON THIS
SIDE.

CONNECT EXISTING
INTERNAL WIRE HERE FOR
240V INPUT.
-OR-
CONNECT EXISTING
INTERNAL WIRE HERE FOR
208V INPUT.

INPUT VOLTAGE CODES OTHER THAN P,T,Z (SINGLE INPUT)
NO TERMINAL BLOCK - NO CONFIGURATION REQUIRED.

FIGURE 2 FIELD CONNECTIONS

ALARM CONNECTIONS
(OPTIONAL)
SEE FIGURE 3

INPUT VOLTAGE
SELECTION
TERMINAL BLOCKS
SEE FIGURE 1
DUAL OR TRIPLE
INPUT MODELS
ONLY

GROUND LUG
MAXIMUM #4 AWG
MINIMUM #14 AWG

AC INPUT BREAKER
SEE TABLES 1,2

DC OUTPUT BREAKER
SEE TABLES 1,3

REMOTE TEMPERATURE SENSOR
CONNECTION
SUMMARY ALARM (SEE FIGURE 4)
SENSBUS CONNECTION

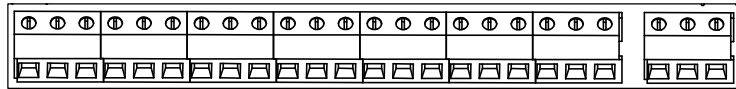
Figure 4.
Control Board

WIRE GAUGE #14-24
RATED 30V/2A



8 ALARM
OPTION

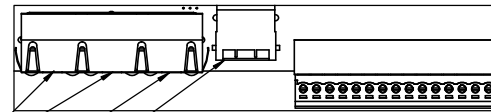
FIGURE 3
ALARM AND I/O CONNECTIONS
SEE INSTALLATION AND OPERATION MANUAL FOR COMPLETE EXPLANATION
OF ALARM FUNCTION AND CONNECTIONS.
ALARMS ASSIGNABLE AT FACTORY AND USING SENS SETUP UTILITY.



COM OK FAIL (WIRING ORDER FOR ALL ALARMS)

WIRE GAUGE - #14 - 24
7 FORM C ALARMS RATED 30V/2A & 1 FORM C ALARM RATED 120VAC/5A

COMMUNICATIONS PROTOCOL
OPTION



WIRE GAUGE - #16 - 28
5 FORM C ALARMS RATED 30V/2A

COM OK FAIL (WIRING ORDER FOR ALL ALARMS)

Table 1 - AC Input Current and AC/DC Circuit Breaker Current Ratings

CHARGER MODEL	RATED AC INPUT CURRENT						CHARGER INPUT BREAKER CURRENT RATINGS						OUTPUT BREAKER CURRENT RATINGS
	208V 60Hz (3)	230/240V 50/60 Hz (4) 60Hz (S)	480V 60 Hz (8)	120/208/240V 50/60 Hz (P) 60 Hz (T)	400V 50/60 Hz (V)	208/240V 60Hz (Z)	208V 60Hz (3)	230/240V 50/60Hz (4) 60Hz (S)	480V 60 Hz (8)	120/208/240V 50/60Hz (P) 60 Hz (T)	400V 50/60 Hz (V)	208/240V 60Hz (Z)	
Q012-075	N/A	N/A	4.6	18/11/9.1	5.5	N/A	N/A	N/A	15	25	15	N/A	100
Q012-100	N/A	N/A	6.1	24/14/12	7.3	N/A	N/A	N/A	15	30	15	N/A	125
Q012-150	N/A	N/A	9.0	36/21/18	11	N/A	N/A	N/A	15	45	15	N/A	200
Q024-075	N/A	N/A	8.3	33/19/17	9.9	N/A	N/A	N/A	15	45	15	N/A	100
Q024-100	N/A	N/A	11	44/25/22	13	N/A	N/A	N/A	15	60	20	N/A	125
Q024-150	37	32	16	N/A	19	37	50	40	20	N/A	25	50	200
Q048-075	34	30	15	N/A	18	34	45	40	20	N/A	25	45	100
Q048-100	45	39	20	N/A	24	45	60	50	25	N/A	30	60	125
Q120-035	38	33	17	N/A	20	38	50	45	25	N/A	25	50	45
Q120-050	54	46	23	N/A	28	54	70	60	30	N/A	35	70	70
Q240-016	35	30	15	N/A	18	35	45	40	20	N/A	25	45	20
Q240-025	54	46	23	N/A	28	54	70	60	30	N/A	35	70	35

Table 2 - AC Input Wire Gauge Ratings		
RATED CHARGER INPUT	WIRE GAUGE	
	MIN	MAX
≤ 240 VAC, 60 Hz	#14 Cu or Al	#2 Cu or Al
≤ 240 VAC, 50/60 Hz	#14 Cu, #12 Al	#1/0 Cu or Al
>240 VAC	#14 Cu, #12 Al	#1/0 Cu or Al
ALL 65 KAIC BREAKERS (SPECIAL ORDER)	#14 Cu, #12 Al	#1/0 Cu or Al

IMPORTANT INFORMATION

- SOME NON-REFERENCED ITEMS OMITTED FOR CLARITY.
- STYLE AND SIZE OF AC AND DC BREAKERS MAY CHANGE DEPENDING ON CHARGER MODEL NUMBER.

TABLE 3. DC OUTPUT WIRE GAUGE RATINGS

RATED CHARGER OUTPUT		WIRE GAUGE	
VOLTS	CURRENT	MIN	MAX
12V - 48V	≤ 50A	# 14 Cu or Al	# 2 Cu or Al
	75 & 100 A	# 4 Cu or Al	# 2/0 Cu or Al
	150A	# 4 Cu Only	# 4/0 Cu Only
120V & 240V	≤ 16A	# 14 Cu, #12 Al	# 4 Cu or Al
	≥ 25A	# 14 Cu, #12 Al	# 1/0 Cu or Al

NOTES TO INSTALLER

- MAKE AC AND DC CONNECTIONS DIRECT TO AC AND DC BREAKERS. LOCATION OF BREAKERS IS SHOWN. MAKE CONNECTIONS TO CHARGER AND TERMINAL BLOCKS PER USER GUIDE INSTRUCTIONS.
- POLARITY OF BREAKER CONNECTIONS IS INDICATED BY THE TEXT ENCLOSED IN A DIAMOND. FOR AC CONNECTIONS, "L" DENOTES LINE AND "N" DENOTES A LINE OR NEUTRAL CONNECTION, DEPENDING ON THE PARTICULAR AC LINE CONFIGURATION USED.
- TABLES 2 AND 3 SPECIFY ONLY THE PHYSICAL CAPACITY OF THE BREAKER TERMINALS. IN ADDITION TO PHYSICAL LIMITATIONS, CONDUCTORS MUST BE ELECTRICALLY ADEQUATE PER ALL APPLICABLE ELECTRICAL SAFETY REGULATIONS.



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
DEFAULT TOLERANCES:
ANGLES ± 1°
TWO PLACE DECIMAL ± NA
THREE PLACE DECIMAL ± NA
DO NOT SCALE DRAWING

NAME DATE
DRAWN JWF 4/20/2021
CHECKED
THIRD ANGLE PROJECTION
DIMENSIONS & TOLERANCES PER ASME Y14.5 - 2009

DESCRIPTION
2DCAD, Q2, GEN2, STANDARD

SIZE C DOCUMENT NUMBER
2DCAD-Q2-GEN2-STD

REV B
SHEET 6 OF 6