

1200 Amp Cabinets

Specifications Sheet



GENERAL

DIMENSIONS (W X D X H)	46" x 39" x 72"
WEIGHT	1,100 lbs
CONSTRUCTION MATERIAL	1/8" Aluminum
ENCLOSURE	NEMA 3R
COMPLIANCE	UL 508A

ELECTRICAL

VOLTAGE	480Y/277V 3-phase 4 wire
SHORT CIRCUIT CURRENT RATING	65kA
MAX CURRENT RATING OF CABINET	1200A
GROUNDING	Neutral and Ground unbonded (can be bonded in field)
INCOMING WIRE TERMINATION	(4) 600kcmil or dual 250kcmil per phase, copper or aluminum



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MAIN BREAKER

MAX OVERLOAD TRIP	1200A
MIN OVERLOAD TRIP	500A
TRIP UNIT	LSIG Electronic trip unit (LCD Screen)
MAIN BREAKER OVERLOAD TRIP INCREMENT SIZE	1A
GROUND FAULT PROTECTION OF EQUIPMENT	Yes

BRANCH BREAKERS FOR CHARGERS

QTY	4
TRIP UNIT	LSI Electronic Trip Unit (Dial Adjustable)
OVERLOAD TRIP SETTING OPTIONS (AMPS)	150, 200, 240, 280, 300
COMMON CHARGER SIZES COVERED*	100kW, 125kW, 150kW, 180kW
*NOTE	Confirm this with specific charger being used
OUTGOING WIRE TERMINATION	(2) 600kcmil to 2/0 wires per phase

METERING (OPTIONAL)

UNMETERED OPTION	Bus Bar Links Included
CT RACK SIZE	1200A
CT RACK PHASES	3 Phases + Neutral
CT RACK PHASE TO PHASE SPACING (CENTER TO CENTER)	8.5"
METER SOCKET	Milbank approved meter socket and test switch mounted on side (Utility dependent)

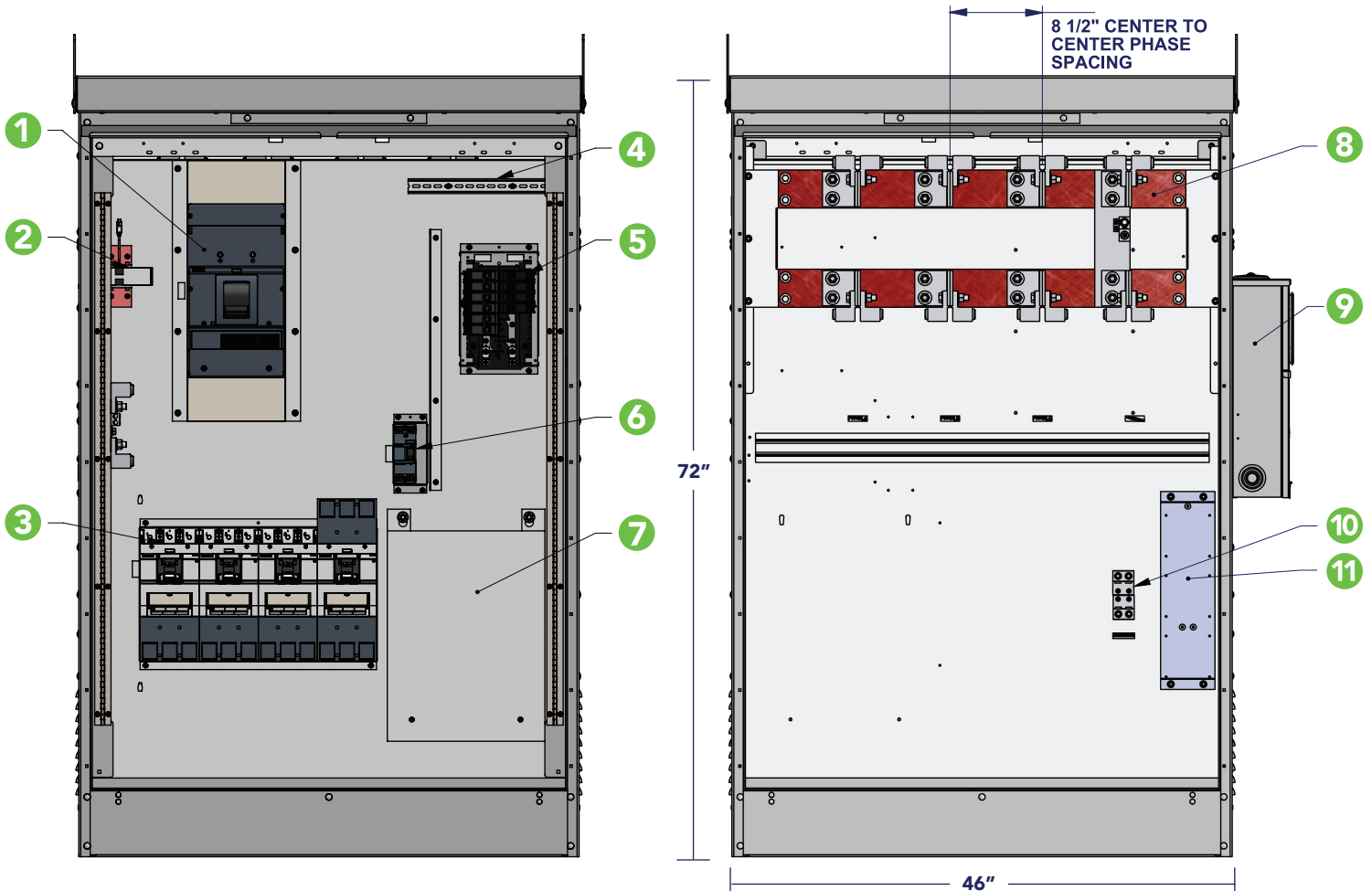
TRANSFORMER (OPTIONAL)

240V MAIN BREAKER SIZE	125A
TRANSFORMER SIZE	25kVA Encapsulated Single Phase
# OF CIRCUITS	16ckt Loadcenter
BREAKER TYPE	Plug-Ons
GFI RECEPTACLE (INCLUDED WHENEVER HAVE TRANSFORMER)	20A 120V GFI Receptacle (fed by 1P 20A breaker)

*STD 240/120V BRANCH BREAKER CONFIGURATIONS AVAILABLE

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1 MAIN BREAKER

- 1200AF
- Max overload trip = 1200A
- Min overload trip = 500A
- LSIG electronic trip unit

2 NEUTRAL CT FOR GROUND FAULT PROTECTION OF EQUIPMENT

3 BREAKERS FOR FEEDING EV CHARGERS

- QTY of 4
- LSI dial adjustable electronic trip unit
- Adjustable overload trip settings options (A)
 - 150, 200, 240, 280, 300
- Examples of common EV charger sizes covered (KW)* : 100, 120, 125, 150, 175, 180
- *Needs to be confirmed with specific EV charger being used

4 DIN RAIL 35MM X 7.5MM FOR FIELD-INSTALLED EQUIPMENT

5 LOAD CENTER (OPTIONAL)

- 16 CKT 240/120V single phase
- 125A secondary main breaker
- Multiple branch breaker configurations options available

6 TRANSFORMER PRIMARY BREAKER (OPTIONAL)

- 70A 2P

7 TRANSFORMER (OPTIONAL)

- 25KVA 480:240/120V SINGLE PHASE

8 1200A CT RACK

- Confirm compliance with local utility
- For unmetered use bypass bus links shipped with unit
- Supports window or bar type CTs

9 MILBANK CT RATED METER SOCKET (OPTIONAL)

- Utility dependent for specific Milbank meter socket needed.

10 GROUND LUG

11 VT PACK MOUNTING PROVISIONS