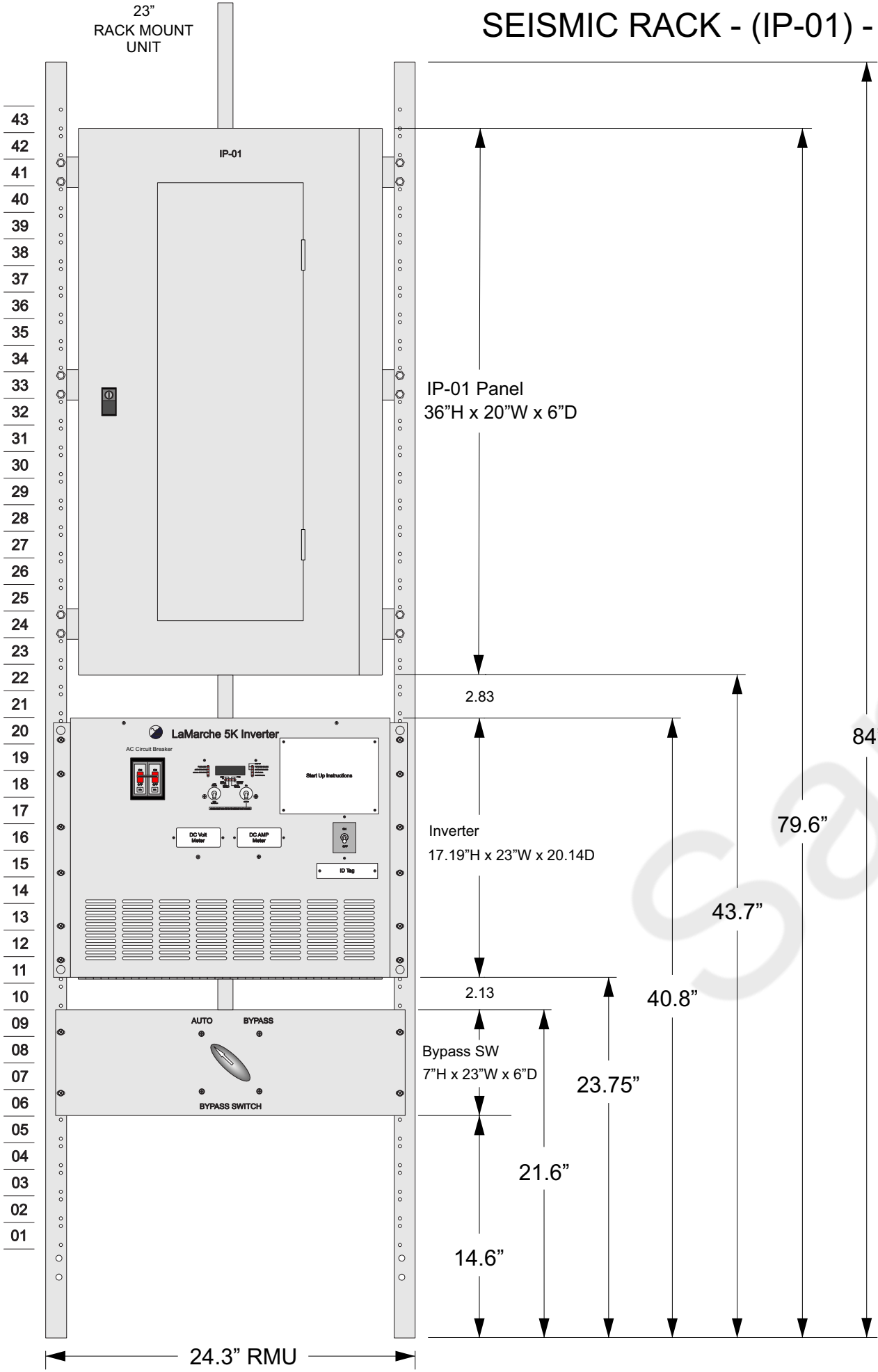
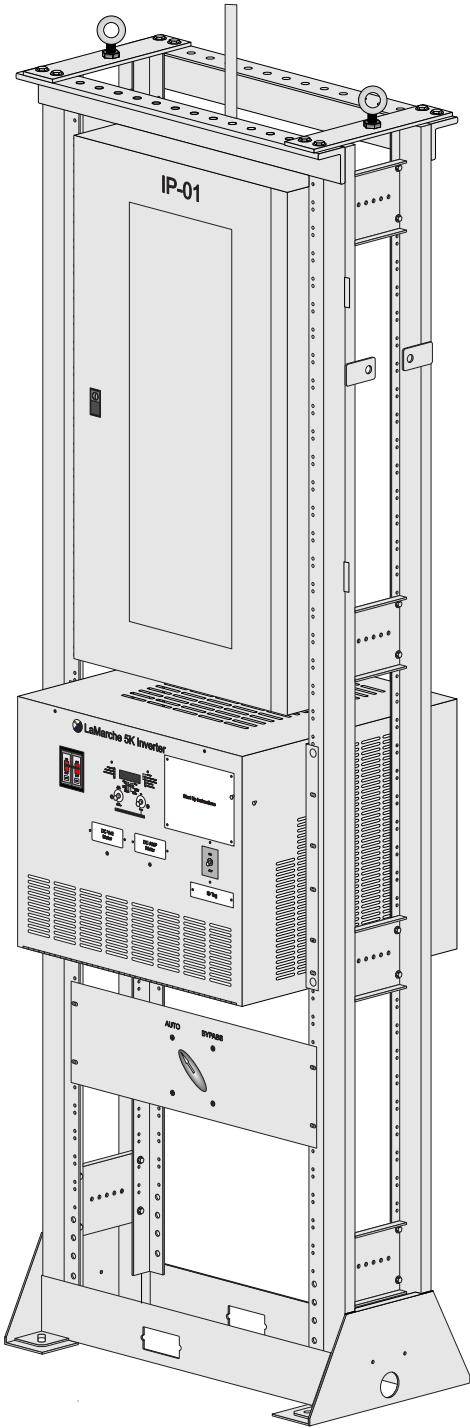


SEISMIC RACK - (IP-01) - INVERTER DETAILS

REVISIONS	
REV-NR	04/13/2021

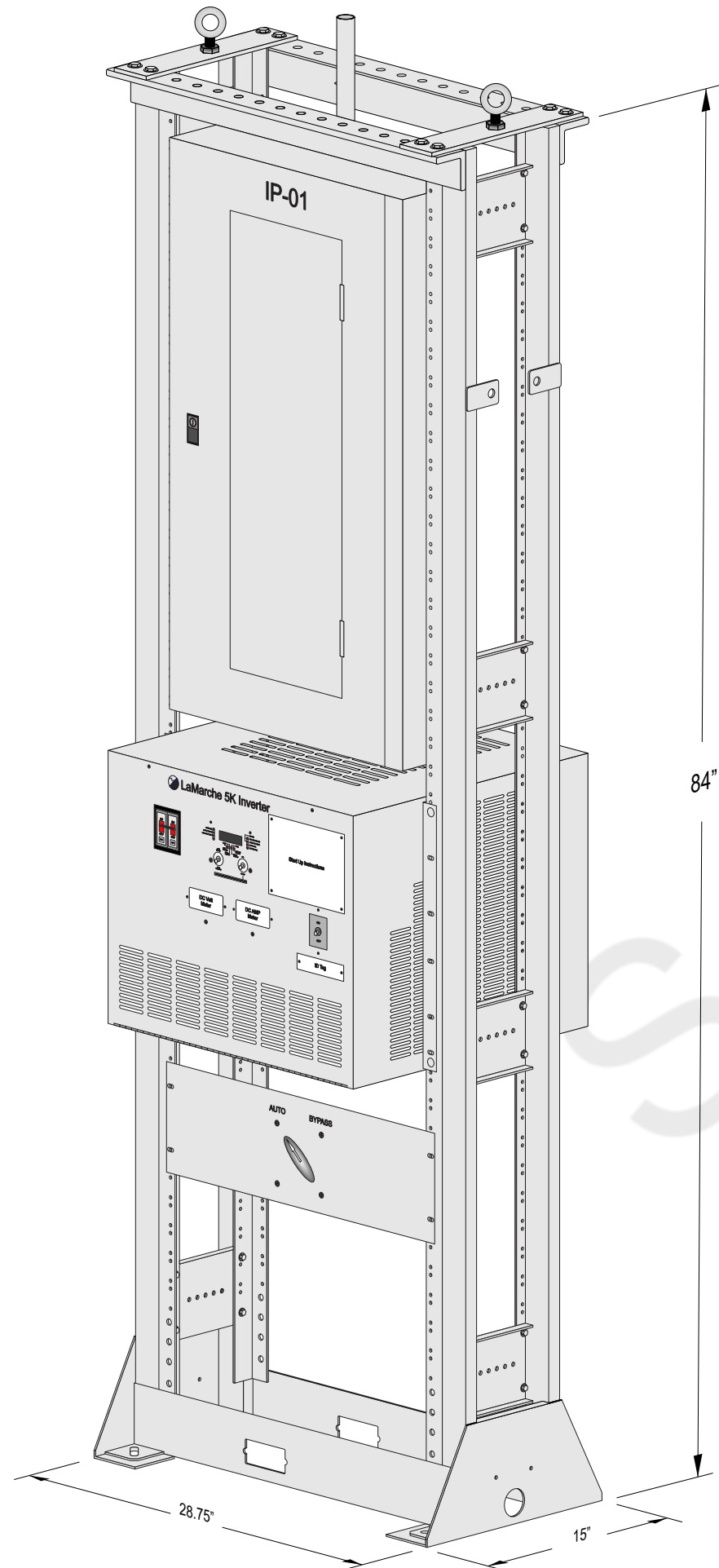


RMU IN SEISMIC RACK →



COMPONENT DETAILS PAGE 2 →

 STANDBY ENERGY 14134 CASTOR ST. TOMBALL, TX 77375	Project Name	
	IP-01 and Inverter In Seismic Rack	
	DRAWING # Q# Rev-0	
	SCALE: NTS	SHEET: 1 of 2



SEISMIC RACK - (IP- 01) - INVERTER DETAILS

Seismic Relay Rack

1	2-Post 23"- Seismic Relay Rack Zone 4
2	28-3/4"W x 15"D x 84"H
3	43 Rack Units

AC DISTRIBUTION PANEL IP-01

1	1ea:Type 1 Enclosure : EZB2036R
2	30 Circuit,100A,120/240,1PH,3W
3	Copper Bus,22kAIC
4	100A Main Bus,Top Feed
5	Seismic Rack Mount
6	24ea: Padlockable Lockoff Device
7	23ea: 15A,1P QBHW Branch Breakers
8	1ea: 60A,1P QBHW Branch Breakers
9	6ea: 1P QBHW Branch Breakers

LaMarche 5K INVERTER A31-5K-120V-A6

1	Inverter Prime
2	Inverter DC Input: 105-147 VDC
3	Inverter DC Breaker: 80A
4	Inverter AC Breaker: 50A
5	Inverter Output: 120 VAC,1 Phase,60Hz
6	Static Switch: 1 Pole,Make Before Break
7	Static Switch Manual Test Switch
8	Rack Mount 75A (MB4B) Manual By Pass Switch



STANDBY ENERGY
14134 CASTOR ST.
TOMBALL, TX 77375

Project Name
IP-01 and Inverter In Seismic Rack

DRAWING #
Q# Rev-0

SCALE:
NTS

SHEET:
2 of 2

Main Lugs Only 100A

1	QBHW1015	QBHW1015	2
3	QBHW1015	QBHW1015	4
5	QBHW1015	QBHW1015	6
7	QBHW1015	QBHW1015	8
9	QBHW1015	QBHW1015	10
11	QBHW1015	QBHW1015	12
13	QBHW1015	QBHW1015	14
15	QBHW1015	QBHW1015	16
17	QBHW1015	QBHW1015	18
19	QBHW1015	QBHW1015	20
21	QBHW1015	QBHW1015	22
23	QBHW1060	QBHW1015	24
25	PROV	PROV	26
27	PROV	PROV	28
29	PROV	PROV	30

Blank Cover
2 inches

General Information

(Section 1 of 1)

Service Voltage: 120/240V 1Ph 3W
Bus Rating & Type: 100A Copper
Ground Bar: Std. Bolted Aluminum, Al or Cu cable
S.C. Rating: 22k A.I.C. Fully Rated

Main Device Type: Main Lugs Only - Top Cable Entry - A & C Phase Connection
Main Terminals: Mechanical - (1) #6-300 kcmil (Cu/Al)
Neutral Terminals: Mechanical - (1) #6-300 kcmil (Cu/Al)
Box Catalog No.: EZB2036R
Trim: EZ Trim, Door in Door, Concealed Hardware (EZT2036S)

Surface Mounted

Box Dimensions: 36.00" [914.4mm]H x 20.00" [508.0mm]W x 5.75" [146.1mm]D
Min. Gutter Size: Top = 5.5" [139.7mm] Bottom = 5.5" [139.7mm]
Left = 6.0" [152.4mm] Right = 6.0" [152.4mm]

Panel ID Nameplate: (1) IP-01 PANEL BOARD
Type: Plastic, adhesive-backed (2) 120/240V 1Ph 3W
Color: White with Black Letters (3)

UL ***Non-Interchangeable Main Device***

Trim Lock: Standard Lock & Key (Keyed WEM2)
Circuit Directory: Plastic Sleeve with Card
Seismic Label (IBC/CBC Seismic Qualified).
Heat Loss - Watts (Est.) = 50
Weight - lbs (Est.) = 96

Device Modifications:

Ref # **Description**
1256C41G05 Padlockable Lockoff
Ckt #: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24

Branch Devices

Qty	Poles	Trip	Frame	Amps	kAIC
23	1	15	QBHW	100	22
1	1	60	QBHW	100	22
6	1		PROV		

Notes:

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PREPARED BY		DATE	Eaton		
APPROVED BY		DATE	JOB NAME	STANDBY ENERGY - PROJECT NAME	
			DESIGNATION	IP-01 PANEL BOARD	
VERSION		TYPE		DRAWING TYPE	
1.0.0.35		PRL1a		Customer Approval	
REVISION	DWG SIZE		G.O.	ITEM	SHEET
0	A				1 of 1