

Unit Specifications					
kVar	Harmonic	Volt	HZ.	Phase	HP
70	5TH	480	60	3	450

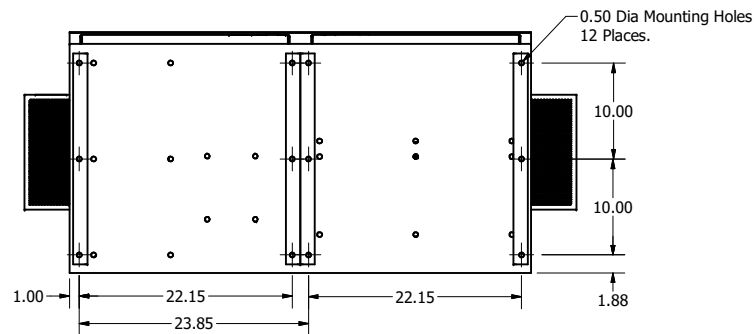
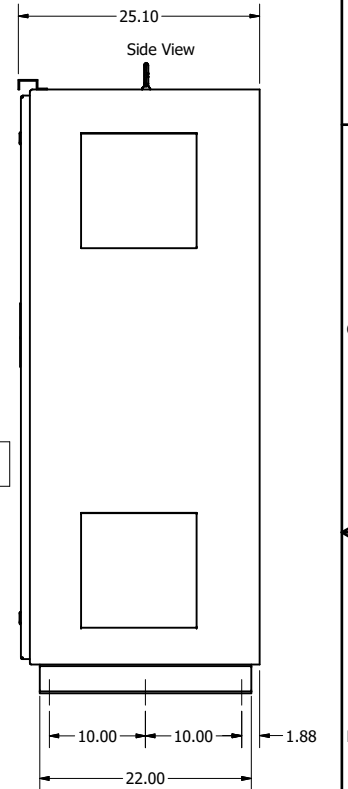
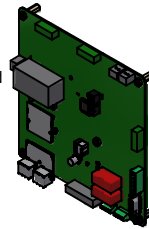
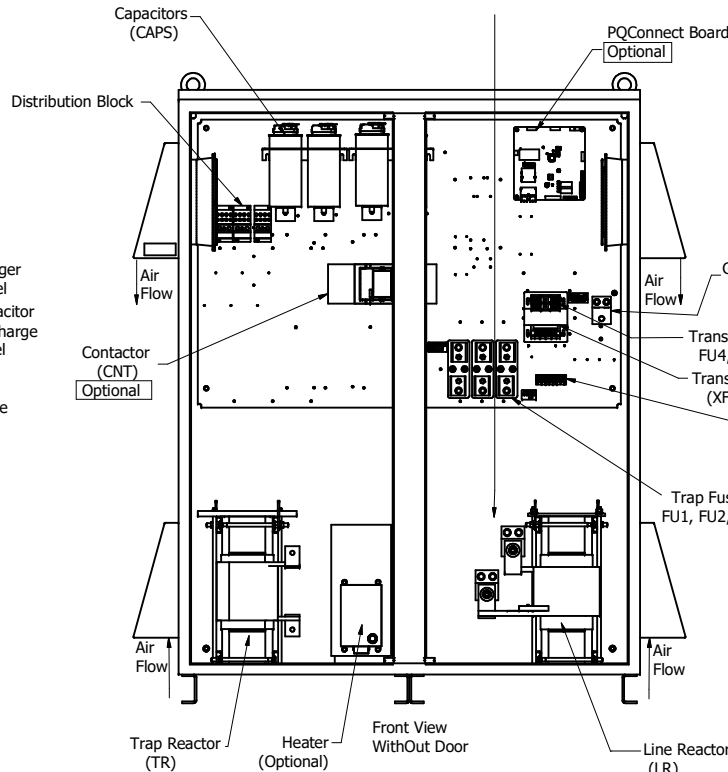
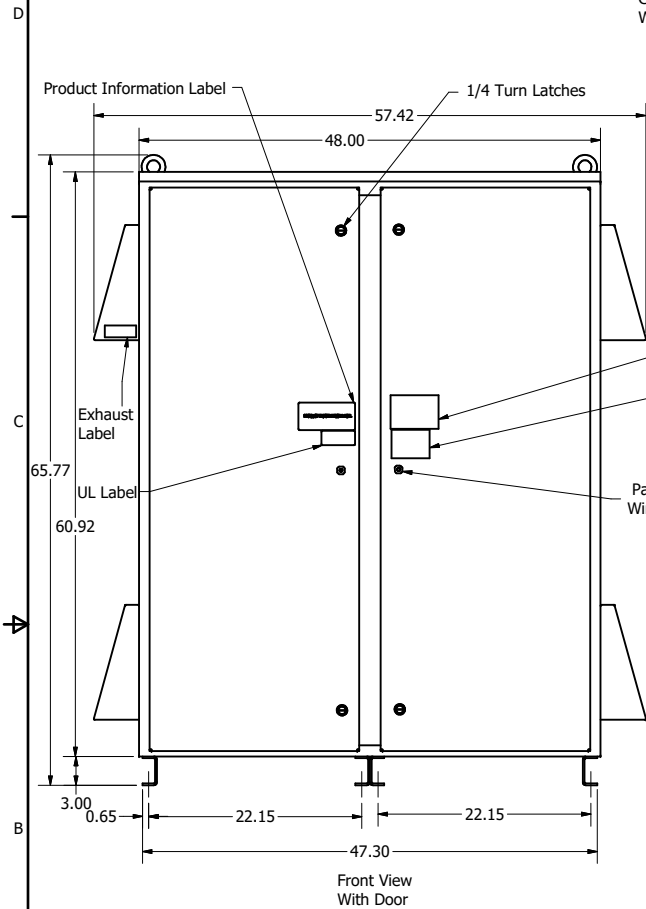
Note: For Torque Information See IOM Manual

Customer Connections.
L1, L2, L3, T1, T2, T3
Wire Range: Two, 600MCM to 2AWG.

Ground Lug
Wire Range: Two, 600MCM to 2AWG.

HGL Part Number	Schematic Drawing #	Approx Weight (LBS)
HGL0450AW3S0000	30856-1S	995
HGL0450AW3C0000	30586-1C	1004
HGL0450AW3C000H	30586-H	1024
HGL0450AW3S*000	30856-PQ1	998
HGL0450AW3C*000	30586-PQ	1007
HGL0450AW3C*00H	30586-PTH	1027

* = Communications Option



Components	HGL0450AW3-----					
	S0000	C0000	C000H	S*000	C*000	C*00H
Line Reactor (LR)	x	x	x	x	x	x
Trap Reactor (TR)	x	x	x	x	x	x
Capacitor (Cap)	x	x	x	x	x	x
Trap Fusing, FU1, FU2, FU3	x	x	x	x	x	x
Contactor (CNT)		x	x		x	x
Transformer (XFMR)	x	x	x	x	x	x
XFMR Fusing, FU4, FU5	x	x	x	x	x	x
PQConnect Board				x	x	x
Heater			x			x

Bottom Of Enclosure

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NO	REVISION	DATE	BY	SCALE
E	6155 Added Heater Option	01/25/23	JRN	
D	6024 Add PQ Option	08/30/2022	GJS	
C	5085 Updated Trap Reactor	02/12/20	JRN	
B	Add PQconnect	2/19/19	DSW	
NO	REVISION	DATE	BY	SCALE

Material(s) Shall be RoHS Compliant

		W132N10611 (Rev 11/16) Germantown, WI 53022 © 2022 TCL, LLC
An Official Motion Group Company HarmonicGuard Low Capacitance HGL, 450HP, 480/3/60, Type 3R		
DESIGNED BY: DSW DRAWN BY: DSW SCALE: 1/8"	DATE: 4/4/17 DRAWN BY: DSW SCALE: 1/8"	107040DG SHEET 1 OF 1

Customer Is Responsible For Installation to Meet All National And Local Electrical Codes.

NOTE: USE ONLY HUBS OR FITTINGS THAT COMPLY WITH UL514B FOR TYPE 3R ENCLOSURES