



Enclosure Type:	Type B - SD
Listing Agency:	Intertek-ETL
Designations:	100kVA 1-PHASE (TYPE B-SD)
kVA:	100
Primary:	480V
Secondary:	120/240V
Primary MCB Disconnect:	-
Frequency:	60 Hz
Sound Level:	30 dB Max.
BIL:	5kV+
Insulation Class:	F (155° C)
Leads:	Fine Stranded, Copper, Tin-Plated
Temperature Rise (80% Load):	60° C
Impedance:	2.2% - 3.5%

Terminations	Location	Terminals
Primary:	Front	(2) 350MCM / PHASE
Secondary:	Front	MCB or MLO

Estimated Weight:	1240
Base Height:	12" (Requires No Extra Curbing)
Base Mounting Isolation:	45 Durometer .25" Thick Neoprene Rubber
Gland Plate Dimensions:	8" x 39"
Housing Material:	316L Stainless Steel (NEMA 3R)
Housing Coating:	White Powder Coat
Cooling:	Eight (8) Internal, Thermo-Statically Controlled Fans. Thermostat Closes at 140° F
Condensation Removal:	Photocell Controlled Fans
Lifting:	Engineered Swivels Concealed Under Removable Solar Shield. Tested to Exceed 4960 lbs. Capacity Minimum (4x Static Weight)
Forklift Access:	Front / Side

**Wiring Connections:**  
**PRIMARY:** H1, H2  
**SECONDARY:** X0, X1, X2, (X0 is Neutral)  
 Wired to Main Circuit Breaker / Main Lug

MARINA ELECTRICAL EQUIPMENT, INC.

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NO.	REVISION	DATE

DATE	10/09/14
DRAWN	CLD
CHECKED	KWT
SCALE	NTS

GTX UNIT SUBSTATION

100kVA  
 1-PHASE  
 TYPE B-SD

SHEET