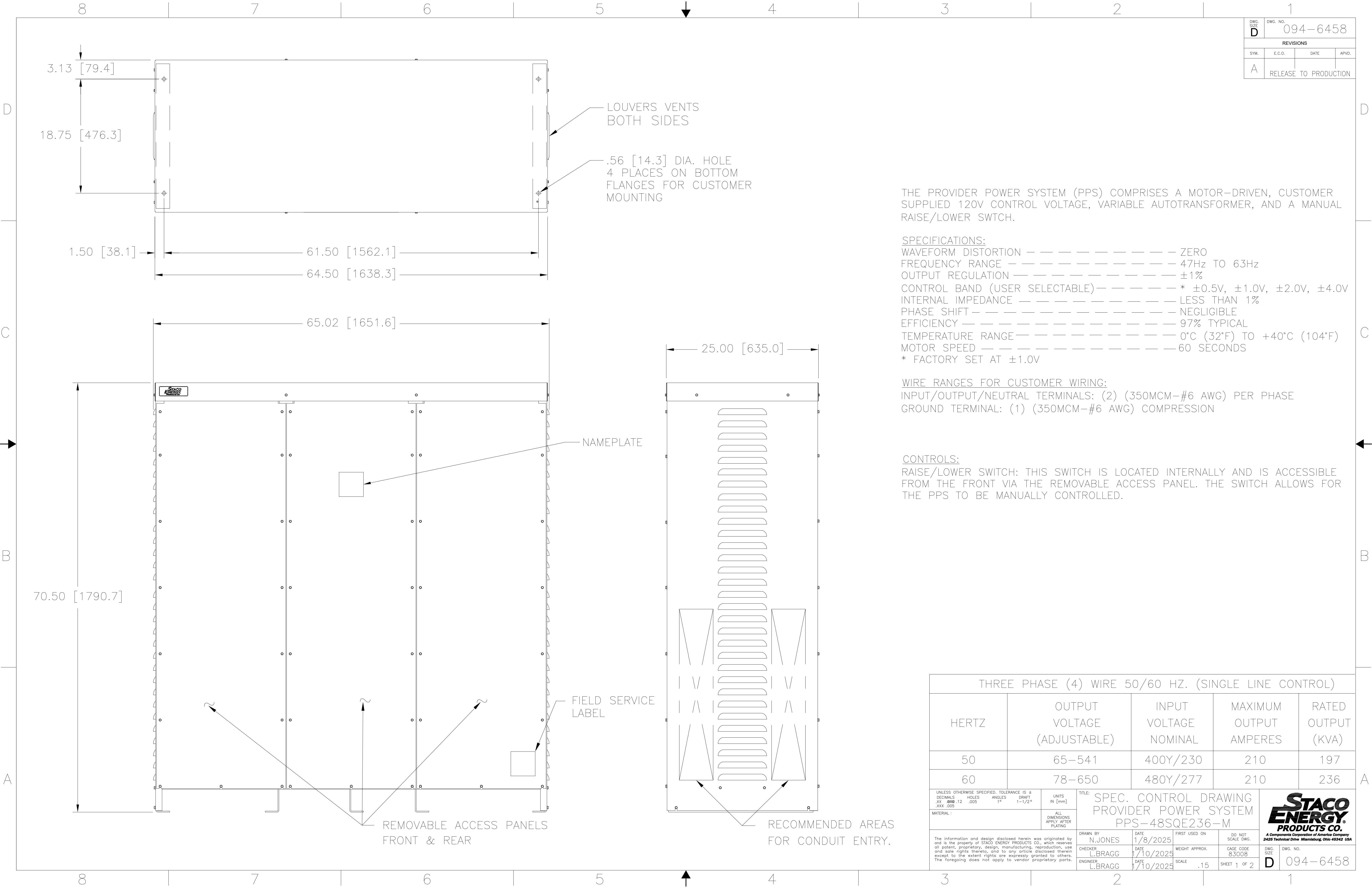




DWG. SIZE D	DWG. NO. 094-6458		
REVISIONS			
SYM.	E.C.O.	DATE	APVD.
A	RELEASE TO PRODUCTION		

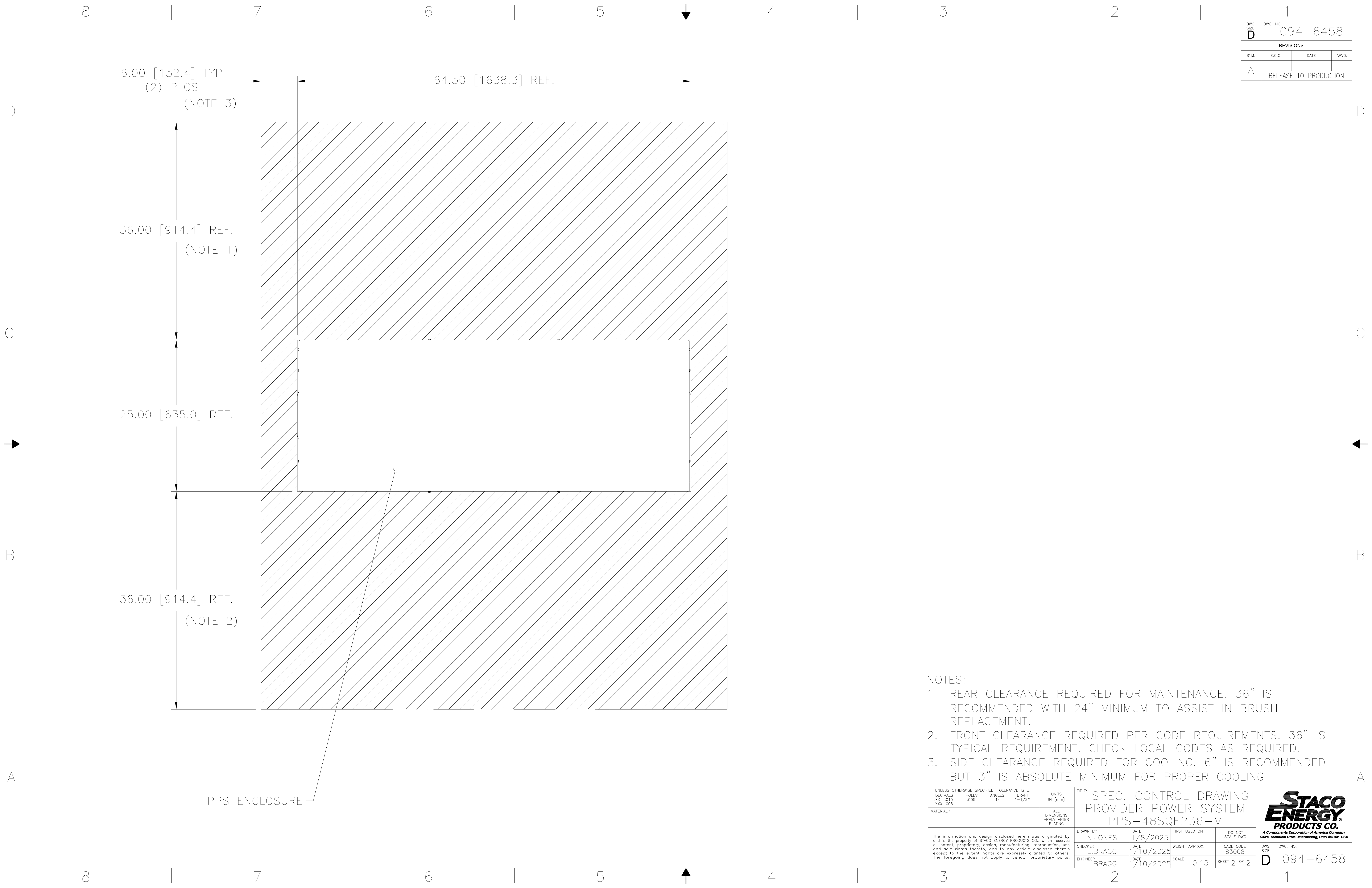
THE PROVIDER POWER SYSTEM (PPS) COMPRISES A MOTOR-DRIVEN, CUSTOMER SUPPLIED 120V CONTROL VOLTAGE, VARIABLE AUTOTRANSFORMER, AND A MANUAL RAISE/LOWER SWITCH.

SPECIFICATIONS:
WAVEFORM DISTORTION — — — — — ZERO
FREQUENCY RANGE — — — — — 47Hz TO 63Hz
OUTPUT REGULATION — — — — — $\pm 1\%$
CONTROL BAND (USER SELECTABLE) — — — — — * $\pm 0.5V$, $\pm 1.0V$, $\pm 2.0V$, $\pm 4.0V$
INTERNAL IMPEDANCE — — — — — LESS THAN 1%
PHASE SHIFT — — — — — NEGLIGIBLE
EFFICIENCY — — — — — 97% TYPICAL
TEMPERATURE RANGE — — — — — $0^{\circ}C$ ($32^{\circ}F$) TO $+40^{\circ}C$ ($104^{\circ}F$)
MOTOR SPEED — — — — — 60 SECONDS
* FACTORY SET AT $\pm 1.0V$

WIRE RANGES FOR CUSTOMER WIRING:
INPUT/OUTPUT/NEUTRAL TERMINALS: (2) (350MCM-#6 AWG) PER PHASE
GROUND TERMINAL: (1) (350MCM-#6 AWG) COMPRESSION

CONTROLS:
RAISE/LOWER SWITCH: THIS SWITCH IS LOCATED INTERNALLY AND IS ACCESSIBLE FROM THE FRONT VIA THE REMOVABLE ACCESS PANEL. THE SWITCH ALLOWS FOR THE PPS TO BE MANUALLY CONTROLLED.

THREE PHASE (4) WIRE 50/60 HZ. (SINGLE LINE CONTROL)				
HERTZ	OUTPUT VOLTAGE (ADJUSTABLE)	INPUT VOLTAGE NOMINAL	MAXIMUM OUTPUT AMPERES	RATED OUTPUT (KVA)
50	65-541	400Y/230	210	197
60	78-650	480Y/277	210	236
UNLESS OTHERWISE SPECIFIED, TOLERANCE IS $\pm$ DECIMALS .XX .010 .12 .005 HOLES .005 ANGLES 1 $^{\circ}$ DRAFT 1-1/2 $^{\circ}$ UNITS IN [mm] MATERIAL : ALL DIMENSIONS APPLY AFTER PLATING		TITLE: SPEC. CONTROL DRAWING PROVIDER POWER SYSTEM PPS-48SQE236-M		 A Components Corporation of America Company 2425 Technical Drive Miamisburg, Ohio 45342 USA
The information and design disclosed herein was originated by and is the property of STACO ENERGY PRODUCTS CO., which reserves all patent, proprietary, design, manufacturing, reproduction, use and sale rights thereto, and to any article disclosed therein except to the extent rights are expressly granted to others. The foregoing does not apply to vendor proprietary parts.		DRAWN BY N.JONES	DATE 1/8/2025	FIRST USED ON
		CHECKER L.BRAGG	DATE 1/10/2025	WEIGHT APPROX. 8.3008
		ENGINEER L.BRAGG	DATE 1/10/2025	SCALE .15 SHEET 1 OF 2
		DWG. NO. D	094-6458	



DWG. SIZE D	DWG. NO. 094-6458		
REVISIONS			
SYM.	E.C.O.	DATE	APVD.
A			
RELEASE TO PRODUCTION			

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ± DECIMALS: .005 Holes: .010 Angles: 1° Draft: 1-1/2°		UNITS IN [mm]		TITLE: SPEC. CONTROL DRAWING PROVIDER POWER SYSTEM PPS-48SQE236-M			
MATERIAL:		ALL DIMENSIONS APPLY AFTER PLATING		DRAWN BY N.JONES	DATE 1/8/2025	FIRST USED ON	DO NOT SCALE DWG.
The information and design disclosed herein was originated by and is the property of STACO ENERGY PRODUCTS CO., which reserves all patent, proprietary, design, manufacturing, reproduction, use and sale rights thereto, and to any article disclosed therein except to the extent rights are expressly granted to others. The foregoing does not apply to vendor proprietary parts.		CHECKER L.BRAGG	DATE 1/10/2025	WEIGHT APPROX.	CAGE CODE 83008	DWG. NO. 094-6458	
		ENGINEER L.BRAGG	DATE 1/10/2025	SCALE 0.15	SHEET 2 OF 2		
						DWG. SIZE D	

