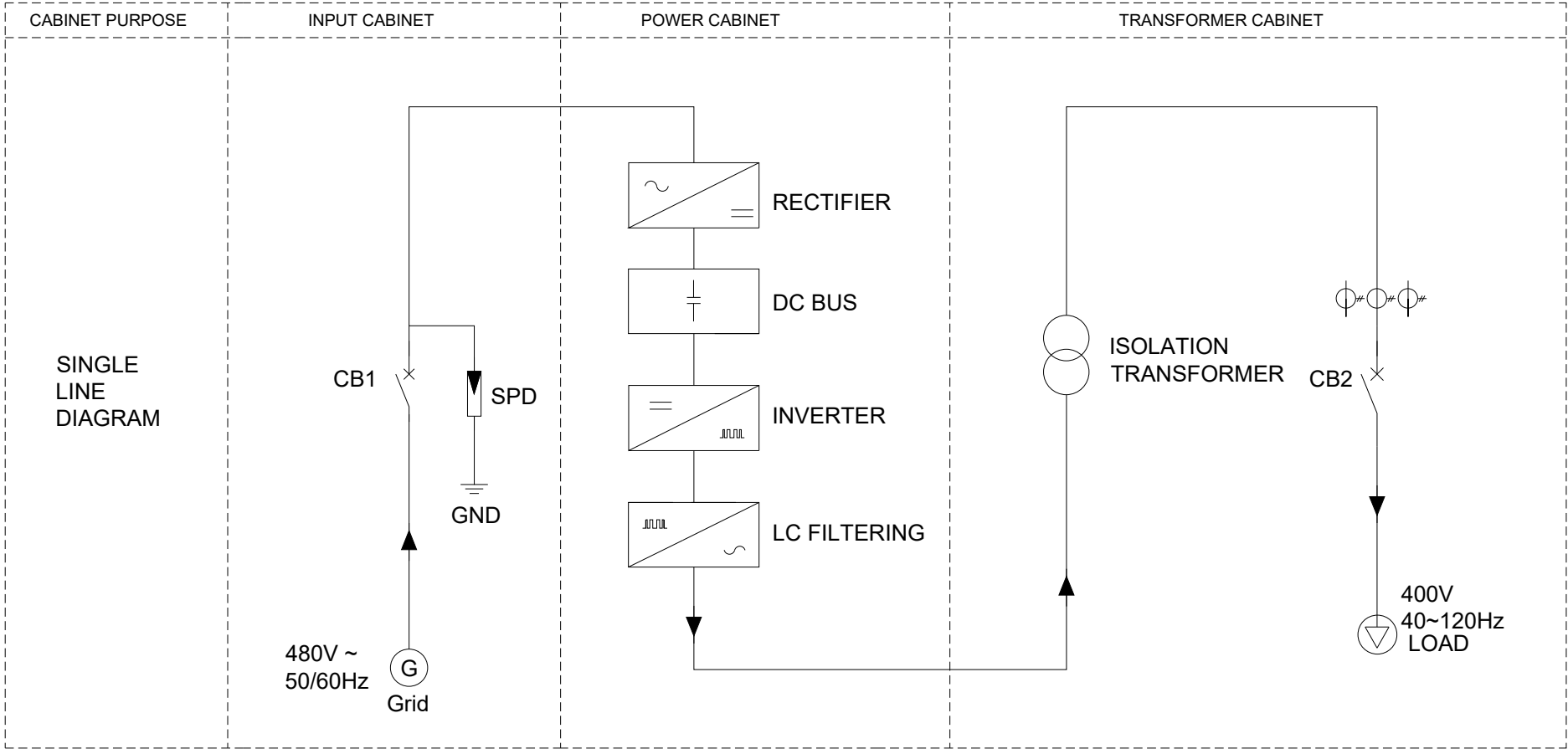


REV	DESCRIPTION	DATE
A	PRODUCT DESCRIPTION	02/23/2026

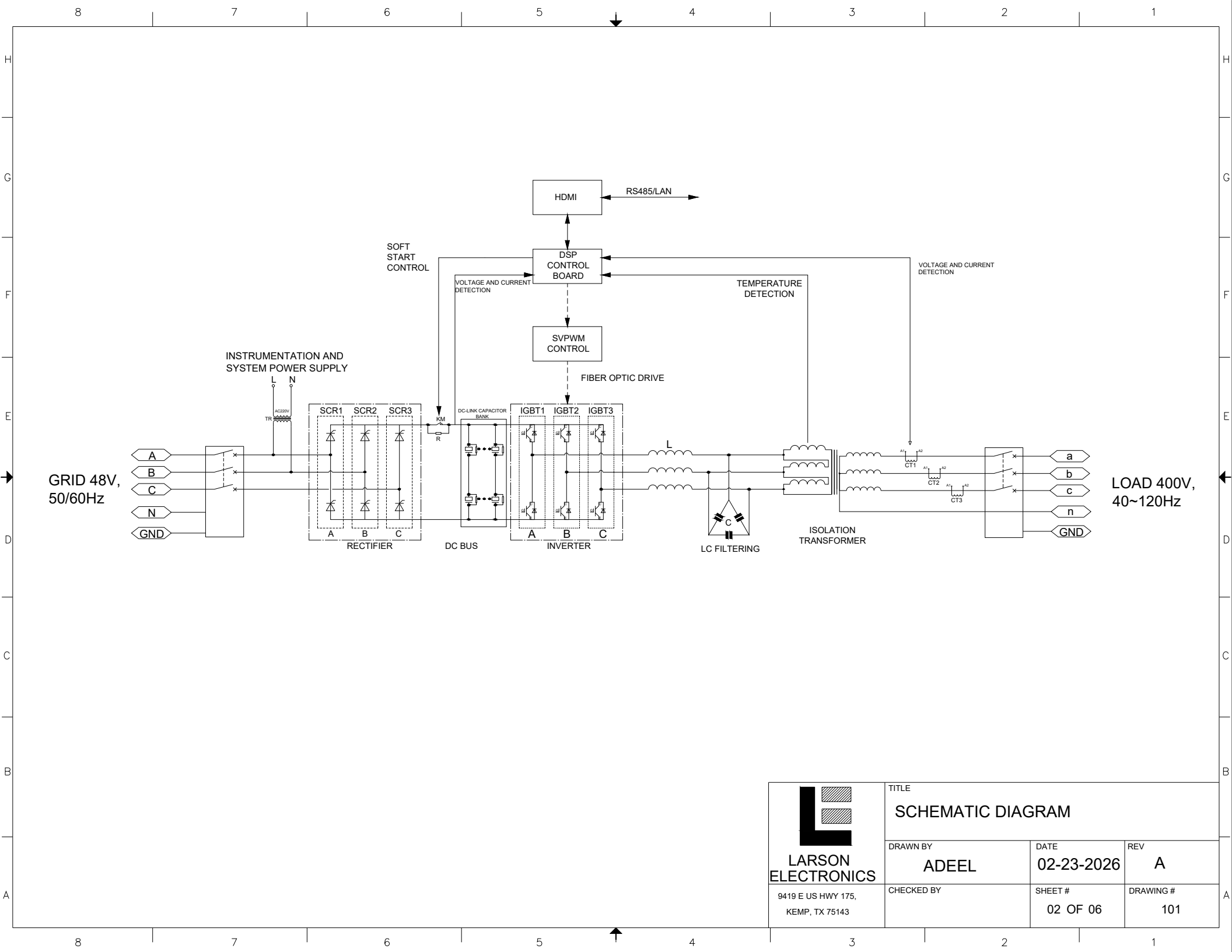
IND-SFC-3P-1000KVA-480V- 60HZ-400V-50HZ

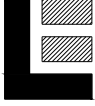


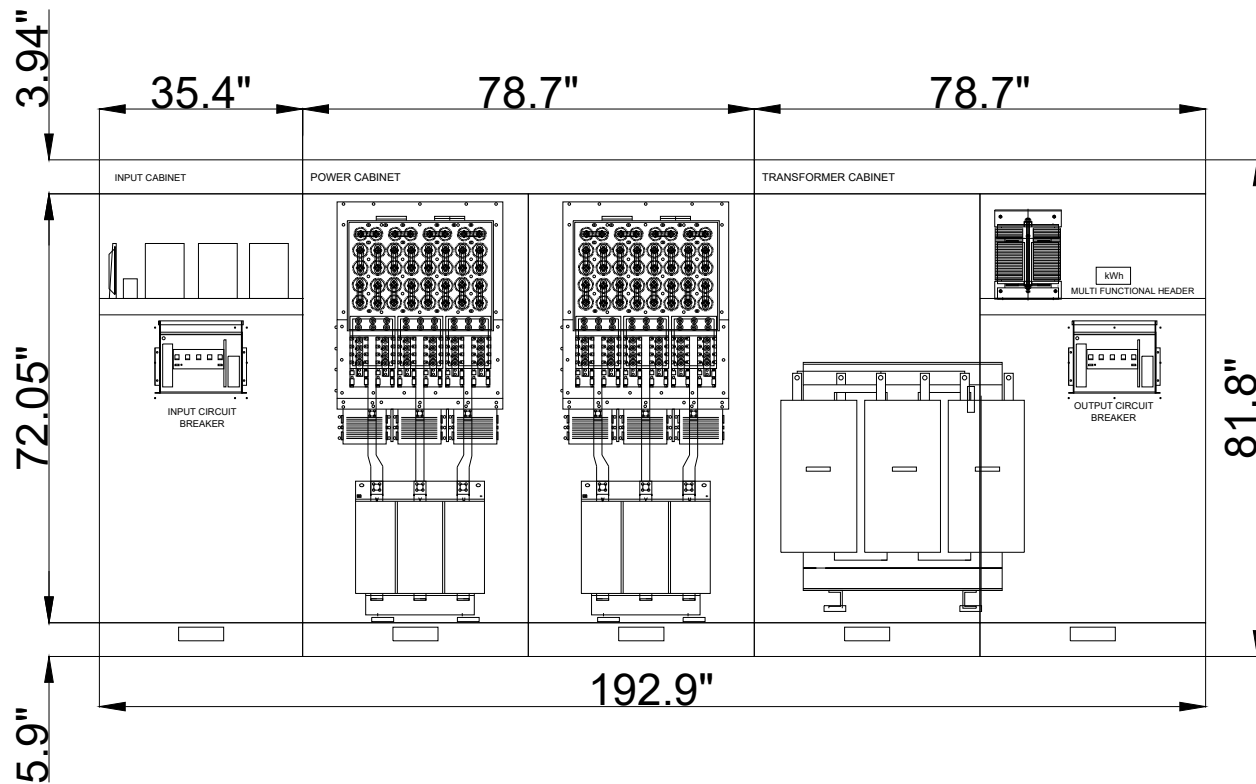


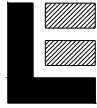
LEGENDS	
	CIRCUIT BREAKER
	SURGE PROTECTIVE DEVICE (SPD)
	ISOLATION TRANSFORMER
	CURRENT TRANSFORMER
	GROUND

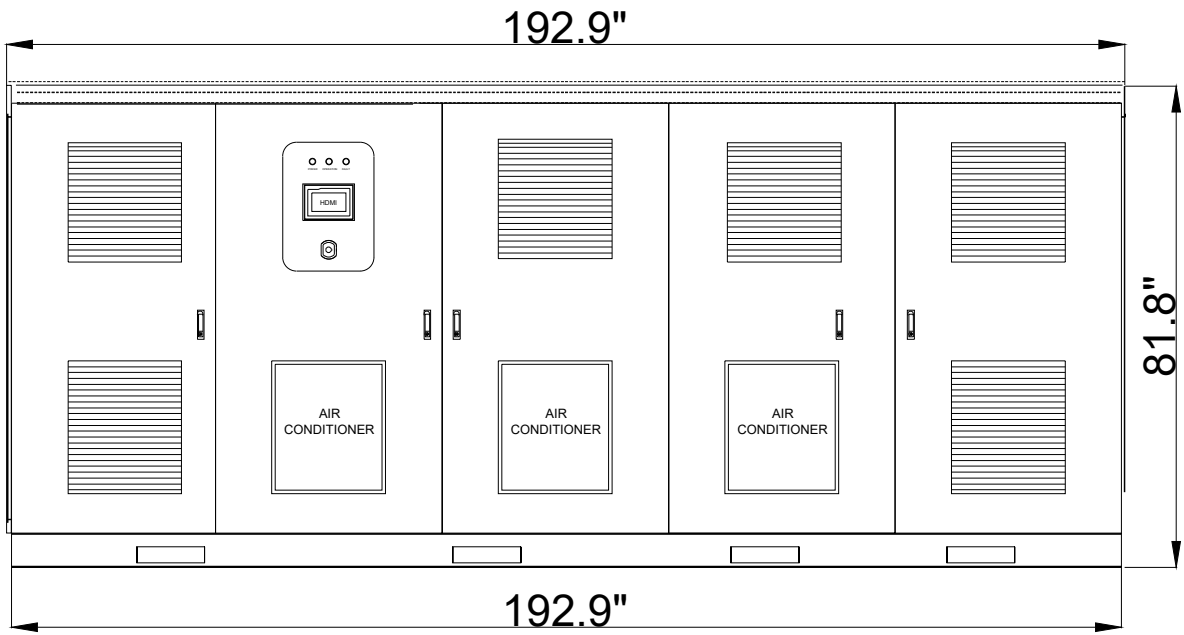
 LARSON ELECTRONICS 9419 E US HWY 175, KEMP, TX 75143	TITLE SINGLE LINE DIAGRAM		
	DRAWN BY ADEEL	DATE 02-23-2026	REV A
	CHECKED BY	SHEET # 01 OF 06	DRAWING # 101



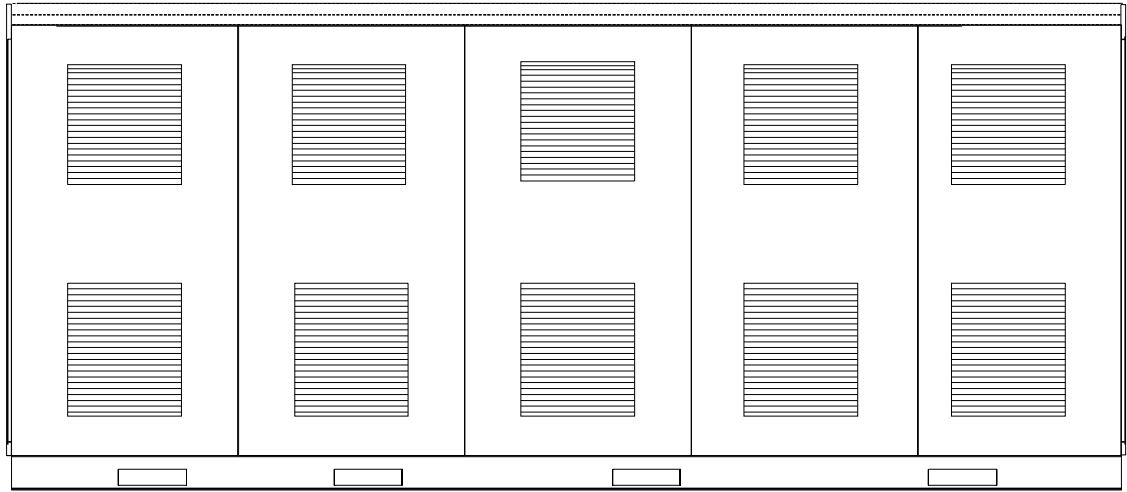
 LARSON ELECTRONICS 9419 E US HWY 175, KEMP, TX 75143	TITLE SCHEMATIC DIAGRAM		
	DRAWN BY ADEEL	DATE 02-23-2026	REV A
	CHECKED BY	SHEET # 02 OF 06	DRAWING # 101



 LARSON ELECTRONICS 9419 E US HWY 175, KEMP, TX 75143	TITLE OUTLINE DRAWINGS		
	DRAWN BY ADEEL	DATE 02-23-2026	REV A
	CHECKED BY	SHEET # 03 OF 06	DRAWING # 101

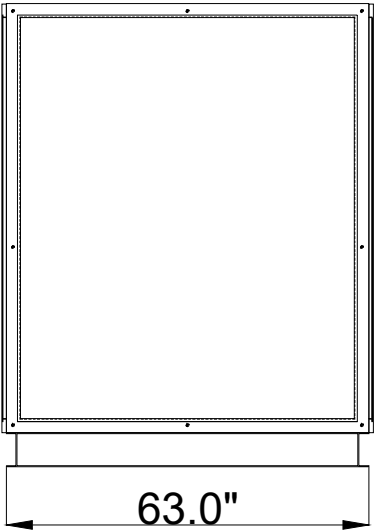


FRONT VIEW



REAR VIEW

RIGHT VIEW



LARSON ELECTRONICS 9419 E US HWY 175, KEMP, TX 75143	TITLE OUTLINE DRAWINGS		
	DRAWN BY ADEEL	DATE 02-23-2026	REV A
	CHECKED BY	SHEET # 05 OF 06	DRAWING # 101

serial number	The name of the device	Technical Specifications	Unit	quantity
1	Power cabinet	NEMA 1	PCS	1
2	Input circuit breaker	1600A/3P	PCS	1
3	Output circuit breaker	1600A/3P, with metering	PCS	3
4	Rectifier unit	1000kVA	PCS	1
5	Bus capacitors	1000V/600 μF	PCS	1
6	DC reactance	1000kVA	PCS	1
7	Inverter unit	1000kVA	PCS	1
8	Filter capacitors	1000V/600 μF	PCS	1
9	AC reactance	1000kVA	PCS	1
10	Isolation Transformers	1000kVA	PCS	1
11	Display screen	7 inches	PCS	1

KEY BRANDS

Serial number	The name of the component	Component brand
1	Breakers	Schneider/People/Tianzheng
2	Rectifier bridge	Mitsubishi/FujiFilm/Ruite
3	IGBT	Infineon/Mitsubishi/Daxin
4	Capacitance	EACO/EPCOS
5	Reactance	Tamura / Nakabian / Kunpeng
6	Transformer	Shunte/Zhongbian/Kunpeng
7	Display screen	Siemens/Weihuntong/Kunlun Tong
8	Cable	Shangshang/Far East/Red Flag

SPARE PARTS

Serial Number	The Name of the device	Technical Specifications	Unit	Quantity
1	Light	Red/Green	PCS	1
2	Temperature	Normally closed at 85° C	PCS	1
3	Capacitance	1100V/600 μF	PCS	1

TECHNICAL PARAMETERS

Field	Value
Rated power	1000 kVA
Input power supply system	Three-phase four-wire + EGC
Input voltage range	480V (±15%)
Input frequency range	50/60 Hz (±10%)
Output power supply system	Three-phase four-wire + EGC
Rated output voltage	400V (0-520V Adjustable)
Output current range	1443A
Output frequency range	50Hz/40-120Hz Adjustable
Voltage accuracy	≤1%F.S
Frequency accuracy	≤0.01%
Voltage harmonics (THD)	≤2%
Equipment efficiency	≥95%
Overload capacity	120%/1min; 100%/30min
Protection features	Over/under-voltage, overcurrent, overload, short circuit, overheat, etc.
Local operations	LCD display
Display resolution	Voltage: 0.1V; Current: 0.1A; Frequency: 0.1Hz; Power: 0.1kW
Remote communication	RS485/LAN
Communication protocols	Modbus RTU / Modbus TCP/IP
Compressive strength	2000Vdc/60s/ No breakdown
Insulation resistance	≥20MΩ @ 500Vdc
Noises	≤75 dB(A)
Working environment	Ambient 20°C~45°C; RH 0~95%, 24h operation
Cooling method	Fan forced air
Ingress protection	NEMA 1
Altitude	≤ 5000m (16,404 ft 2.4 in) (≥2000m derating (6,561 ft 8.16 in.))
Power supply size (W×D×H)	192.913 in × 62.992 in × 81.89 in
Net weight	9920.8 lbs (≈4.5T)

 LARSON ELECTRONICS 9419 E US HWY 175, KEMP, TX 75143	TITLE TECHNICAL SPECIFICATIONS		
	DRAWN BY ADEEL	DATE 02-23-2026	REV A
	CHECKED BY	SHEET # 06 OF 06	DRAWING # 101