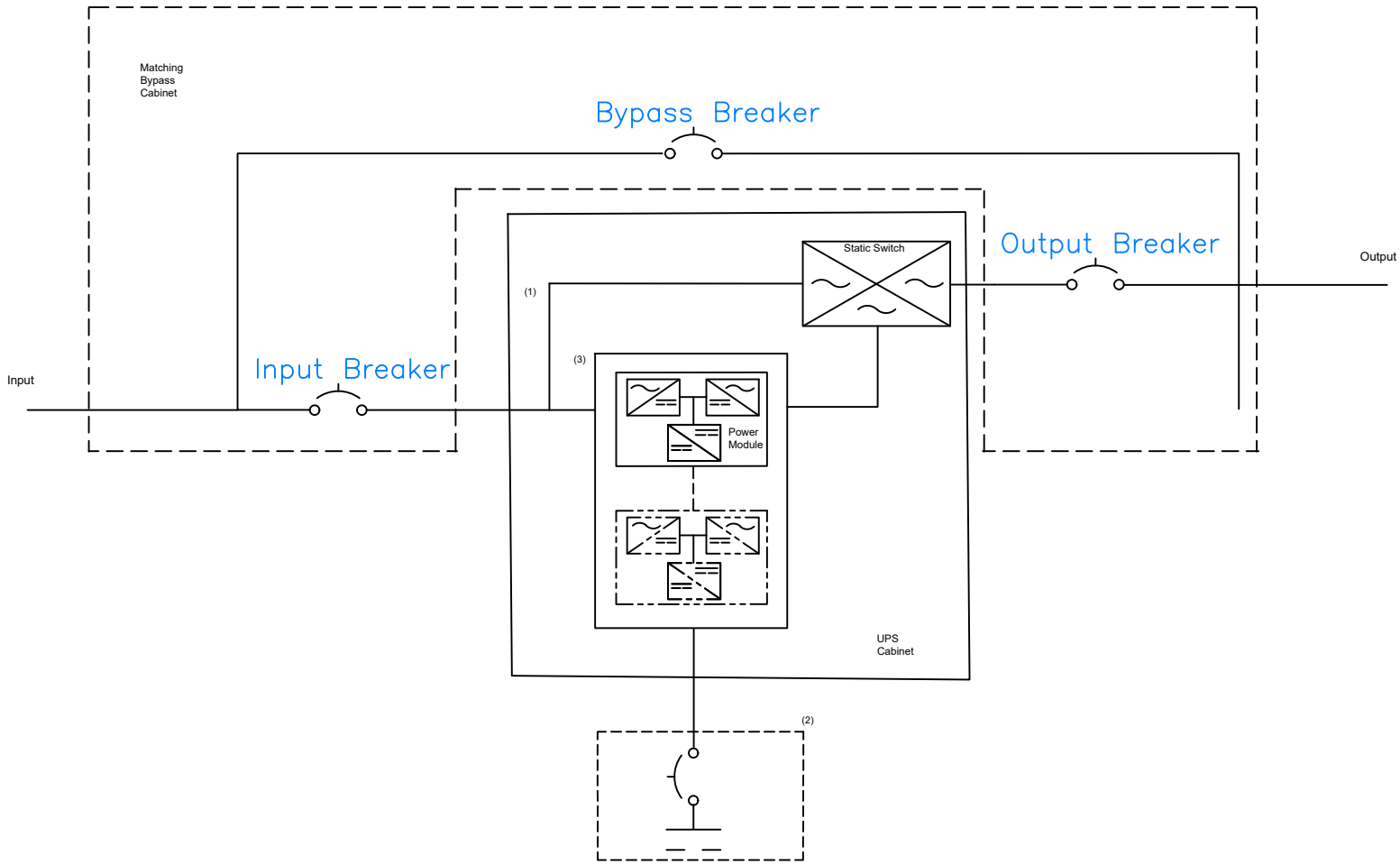

Notes:

1) UPS ships with Rectifier and Static Bypass Inputs jumpered for single input use. Remove jumpers for dual input applications..
2) Battery connections consist of +, - and N (center tap).
3) Maximum of 10 power modules for capacity or redundancy may be used in the UPS. All modules power ratings must be the same. Both 50kVA and 70kVA modules may not be used in the same UPS cabinet at the same time.

	PROJECT X90 5-Slot			
	TITLE X90-5S One-Line Diagram			
APPROVED	SIZE A	CODE	DWG NO X90-10S-OND-480-480	REV A
CHECKED				
DRAWN JB 2/7/2022	SCALE 1:1	WEIGHT	SHEET 1/2	

UPS Rating	kVA	50	70	100	140	150	200	210	250	280	350
	kW	50	70	100	140	150	200	210	250	280	350
Voltage	Input	480	480	480	480	480	480	480	480	480	480
	Output	480	480	480	480	480	480	480	480	480	480
AC Rectifier Input (A)	Nom	62	87	124	174	187	250	262	311	349	436
	Max	73	98	146	196	220	294	295	366	393	491
	Rec OCPD	80	125	175	250	250	350	350	400	500	600
AC Bypass Input (A)	Nom	60	84	120	168	180	241	253	300	337	421
	Max	60	84	120	168	180	241	253	300	337	421
	Rec OCPD	80	125	150	250	250	300	350	400	500	600
Battery	Nominal VDC	+/- 240	+/- 240	+/- 240	+/- 240	+/- 240	+/- 240	+/- 240	+/- 240	+/- 240	+/- 240
	DC Current	110	154	220	309	331	441	463	551	617	772
AC Output (A)	Nom	60	84	120	168	180	241	253	300	337	421
	Rec OCPD	80	125	150	250	250	300	350	400	500	600
Notes:											

1) Manufacturer recommends sizing all cables and overcurrent protection for maximum kVA of the UPS cabinet being installed to allow for future expansion.

2) UPS must be installed in accordance with all local, state and national electrical codes.

3) Ground conductor to be sized per NFPA 70 250.66.

4) Max currents are based on nominal current plus max battery charge current and are not considered continuous per NEC code.

5) DC current listed is average DC current.

XTREME	PROJECT X90-5S			
	TITLE X90-5S One-Line Preliminary			
APPROVED	SIZE A	CODE	DWG NO X90-5S-OND-480-480	REV -
CHECKED				
DRAWN JB 7/2/2021	SCALE 1:1	WEIGHT	SHEET 2/2	