


- Notes:
- 1) Battery connections consist of +, - and N (center tap).
  - 2) M90C-2S is only available with one power module and one battery module. The M90C-6S can have up to three power modules for capacity or redundant configurations.
  - 3) Batteries are available in either internal or external configurations. Contact factory for more information.

		PROJECT M90C			
		TITLE M90C One-Line Diagram			
APPROVED			SIZE	CODE	DWG NO
CHECKED			A		M90C-OND-208-208
DRAWN	JB	5/15/2025	SCALE 1:1	WEIGHT	SHEET 1/2
					REV 0

UPS Rating	kVA	5	8	10	15	16	24
	kW	5	8	10	15	16	24
Voltage (4W + G)	Input	208	208	208	208	208	208
	Output	208	208	208	208	208	208
AC Rectifier Input (A)	Nom	15	24	30	45	48	72
	Max	18	27	36	54	54	81
	Rec OCPD	20	40	40	60	60	100
Battery	Nominal VDC	+/- 96 or +/-120	+/- 96 or +/-120	+/- 96 or +/-120	+/- 96 or +/-120	+/- 96 or +/-120	+/- 96 or +/-120
	Max DC Current	30	46	60	90	96	144
AC Output (A)	Nom	14	22	28	42	44	67
	Rec OCPD	20	30	40	60	60	100
BTU @ full load	BTU/Hr	1283	2053	2567	3850	4107	6160
Approx UPS Weight	lbs (kg)	207 (94)	207 (94)	245 (111)	283 (129)	245 (111)	283 (129)
UPS Dimensions	Inches (mm)	17.4W x 33.7D x 45.5H (442W x 856D x 1156H)					
Battery Module Weight	lbs (kg)	107 (49) each. See unit configuration for number of battery modules included if applicable.					

**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) An input neutral connection is required for this UPS.
- 4) Neutral conductors are considered current carrying conductors. Refer to NFPA 70 tables and notes for neutral conductors.
- 5) Ground conductor to be sized per NFPA 70 250.66.
- 6) Max currents are based on nominal current plus max battery charge current and are not considered continuous per NEC code.

		PROJECT M90C			
		TITLE M90C One-Line			
APPROVED		SIZE	CODE	DWG NO	REV
CHECKED		A		M90C-OND-208-208	0
DRAWN	JB	5/15/25	SCALE 1:1	WEIGHT	SHEET 2/2