Solar Signage: PV Marking Required by NEC 2011 codified as DC Electrical Code 12C DCMR

Common PV Signage/Marking: specific system requirements willl vary. As per IFC 605.11.1, signs shall be reflective & weather resistant, with white letters at least 3/8" high on red background.

Located on point of interconnection.
Required sign, suggested language,
as per NEC 690.54

WARNING
DUAL POWER SOURCES
SECOND SOURCE IS PHOTOVOLTAIC SYSTEM
RATED AC OUTPUT CURRENT: AMPS
NORMAL OPERATING VOLTAGE: VOLTS

Elec. Meter

Located at Electrical Panel.
Required sign, suggested language,
as per NEC 690.17

WARNING
ELECTRIC SHOCK HAZARD
DO NOT TOUCH TERMINALS
TERMINALS ON BOTH LINE AND LOAD SIDES MAY BE ENERGIZED IN THE OPEN POSITION

AC

Located at AC Disconnect.
Required sign, suggested language,
as per NEC 690.54

PV SYSTEM DISCONNECT
RATED AC OUTPUT CURRENT: AMPS
NORMAL OPERATING VOLTAGE: VOLTS

Located at OCPD. Required if panel/bus is rated less than or equal to the sum of all supplies (i.e. PV + service).
Required sign, suggested language, as per NEC 705.12(D). Note this also requires OCPD located at farthest point from service/input feeder.

WARNING
INVERTER OUTPUT CONNECTION
DO NOT RELOCATE THIS OVERCURRENT DEVICE

Elec. Panel

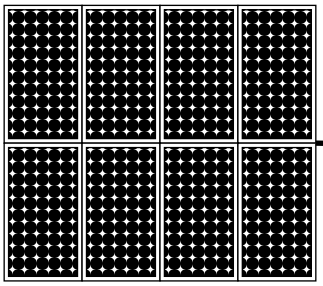
Located at Inverter (often provided on the inverter by mftr).
Required sign, required language,
as per NEC 690.5(C)

WARNING
ELECTRIC SHOCK HAZARD
IF A GROUND FAULT IS INDICATED,
NORMALLY GROUNDED CONDUCTORS
MAY BE UNGROUNDED AND ENERGIZED

Marked on conduit, raceway, eclosures & cable assemblies every 10'. IFC 605.11.1.4

WARNING:
PHOTOVOLTAIC POWER SOURCE

Inverter



JBox

DC

Located at DC Disconnect (often this is the inverter).
Required sign, suggested language,
as per NEC 690.53

PV SYSTEM DC DISCONNECT
RATED MAX POWER-POINT CURRENT: ADC
RATED MAX POWER-POINT VOLTAGE: VDC
SHORT CIRCUIT CURRENT: ADC
MAXIMUM SYSTEM VOLTAGE: VDC

DCRA 160105