Informative bulletin 64-0 common solar photovoltaic system labels

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Based on the Manitoba Electrical Code (2024)

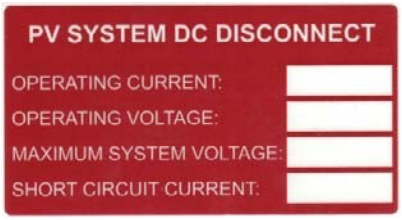
This informational sheet is designed to help you install the most common solar photovoltaic system labels in accordance to the standards set by the Manitoba Electrical Code 2024 and is not intended as an exhaustive list.

Every effort has been made to ensure the accuracy of the information being provided. However, in the event of a discrepancy between this informative note and the governing Manitoba Electrical Code, The Manitoba Electrical Code shall take precedence.

Remember, the Manitoba Electrical Code is constantly being updated. Be sure to familiarize yourself with the latest code requirements before you begin your installation.

All solar photovoltaic labels are required to be engraved lamacoids, red background with white lettering.

1 DC disconnect - 64-200 1) - PV output circuit disconnect at an accessible location



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2 DC combiners, DC junction boxes, DC disconnects and inverters – 64-066 7) & 64-068 1) b) (ungrounded systems only)

(VERBATIM PER APPENDIX B)

3 Inverters and equipment fed from two sources - 64-112 4) d) & 14-414 3) – one for each source disconnect or one label on equipment indicating multiple disconnects must be opened

4 AC disconnects - 64-060 1) h) & 84-024 1) i) – Inverter, utility and isolation AC disconnects

(VERBATIM PER APPENDIX B)

5 All PV interactive points with other sources - 64-074 - AC disconnects for inverters, panelboards, splitters etc.

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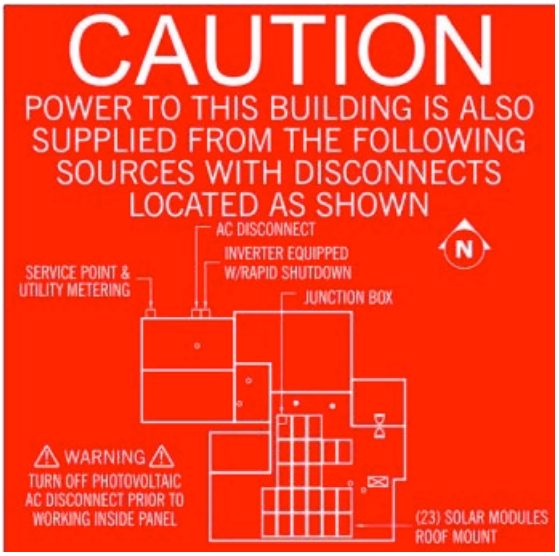
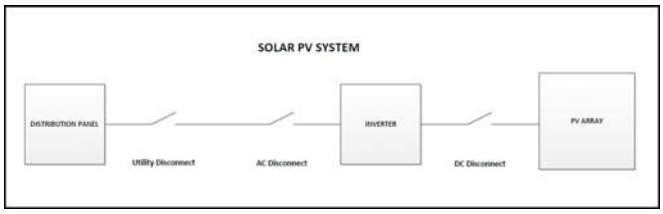
6 Meter location and service box - diagram - 64-076 3) & 64-902 1) Warning and location of Battery Energy Storage System and all power sources



7 Backfed breaker - 64-112 4) c) - Do not relocate overcurrent device

(VERBATIM PER APPENDIX B)

8 Utility disconnect - 84-030 1) & 2), 64-104 5) & 64-218 6) - warning & diagram (will accept diagram located on an adjacent meter socket). If inverter(s) are not readily accessible or system has rapid shutdown, then location must be indicated on the diagram.



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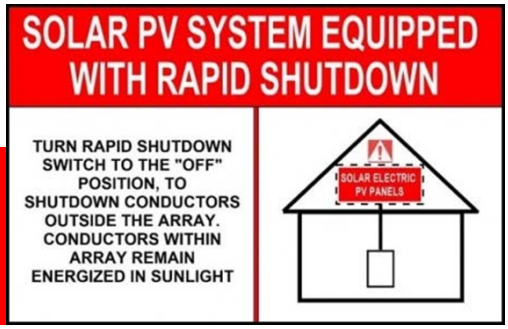
9 Meter socket - 84-030 & Technical Interpretation 64-112B (provide location of utility disconnect when permitted to be not adjacent)

10 Utility disconnect – 84-024 (1) (i)

(VERBATIM)

11 Rapid Shutdown – 64-200 (2) at the disconnecting means for the photovoltaic output circuit and 64-218 7) at the supply authority and the consumer' service equipment location



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