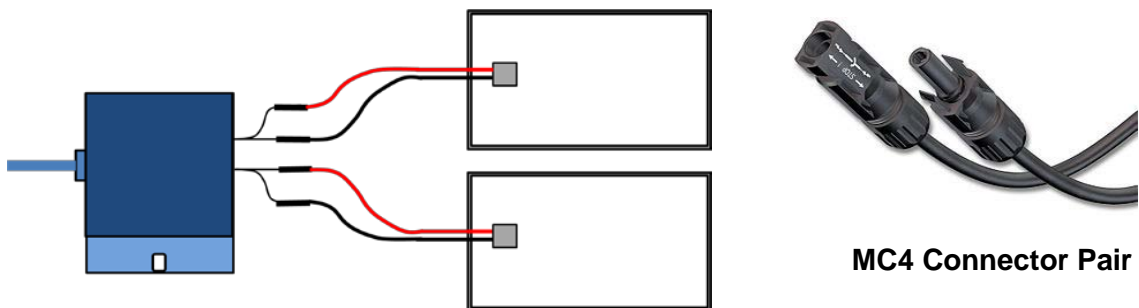


TECHNICAL BULLETIN

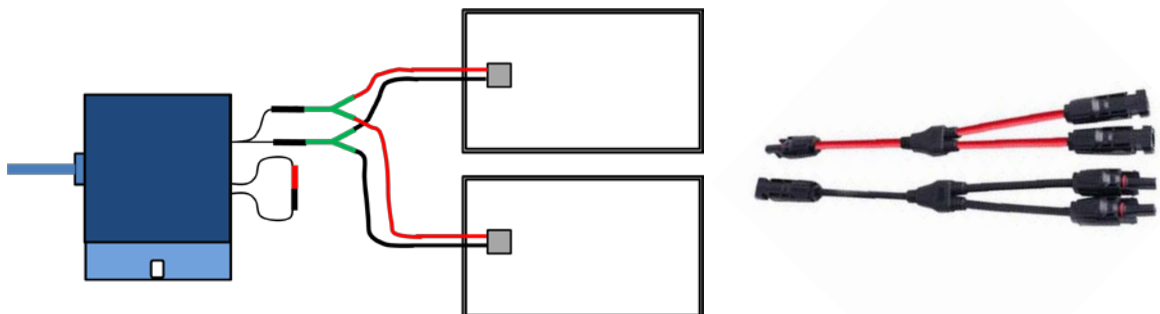
Microinverter Connections to 60, 72, 96, and 128 Cell Modules

Date: 4/29/20

The CP-720 can support photovoltaic modules with a variety of cell counts including 60, 120 half cell, 72, 144 half cell, 92 and 128 cell. For the 60, 72 cell, and their half cell counterparts, the connection procedure is straight forward with each of the modules MC4 terminated DC cables mating with a corresponding pair of MC4 terminated pigtails on the CP-720. Two modules **must be** connected, as the CP-720 only supports dual module connections for these module types. For single module conversion, the CP-250E is required.



96 and 128 cell modules require a different connection configuration. Here the DC cables from both panels will connect into a single set of CP-720 MC4 connectors expanded with a set of Y branch cables. The second set of CP-720 pigtails are to be connected to each other.



Moreover, the CP-720 can also support a single 96 or 128 cell module by eliminating the Y branch, connecting directly to one set of MC4 connectors, and again shorting out the second set of CP-720 pigtails to each other.

