Suggested approaches for common configurations

August 2019
CABLE & ACCESSORIES

• MBC – Modular Branch Cable
  – Connects each micro to the trunk cable
• MTC – Modular Trunk Cable
  – 1.025m, 1.7m & 2.15m
• MTC-HR-1.7 – J-Box Pigtail
• T6 male and T6 female cap
• AC & DC disconnect tools
MICROINVERTER CONNECTION TO TRUNK CABLE
LEGEND FOR COMMON CONFIGURATIONS PAGES

<table>
<thead>
<tr>
<th>PART</th>
<th>COLOR CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>MBC</td>
<td>Green</td>
</tr>
<tr>
<td>MTC-1.025</td>
<td>Red</td>
</tr>
<tr>
<td>MTC-1.7</td>
<td>Orange</td>
</tr>
<tr>
<td>MTC-2.15</td>
<td>Blue</td>
</tr>
<tr>
<td>MTC-HR-1.7</td>
<td>Purple</td>
</tr>
<tr>
<td>T6 male end cap</td>
<td>Black</td>
</tr>
<tr>
<td>CP-720 microinverter</td>
<td>Red</td>
</tr>
<tr>
<td>CP-250E microinverter</td>
<td>Yellow</td>
</tr>
</tbody>
</table>
**C60 OR 72 CELL PORTRAIT-ONE ROW**

- Module junction box (diodes)
- DC cables from the module junction box
- Microinverter cable MBC (one required for each microinverter)
- Trunk landscape cable MTC-2.15 (N-1) cables required for N microinverters
- Trunk landscape pigtail MTC- HR-1.7
- T6 male cap
- CP-720 Duo microinverters
C60 OR 72 CELL PORTRAIT-TWO ROWS

Module junction box (diodes)
DC cables from the module junction box
Microinverter cable MBC (one required for each microinverter)
Trunk landscape cable MTC-1.025 (N-2) cables required for N microinverters
Trunk landscape pigtail MTC-HR-1.7
CP-720 Duo microinverters

30A Breaker
60 CELL LANDSCAPE-TWO ROWS

Module junction box (diodes)
DC cables from the module junction box
Microinverter cable MBC
(one required for each microinverter)
Trunk landscape cable MTC-1.7
(N-2) cables required for N microinverters
Trunk landscape pigtail MTC- HR-1.7
CP-720 Duo microinverters
Module junction box (diodes)
DC cables from the module junction box
Microinverter cable MBC (one required for each microinverter)
Trunk landscape cable MTC-2.15 (N-2) cables required for N microinverters
Trunk landscape pigtail MTC- HR-1.7
CP-720 Duo microinverters
Module junction box (diodes)
DC cables from the module junction box
Microinverter cable MBC
(one required for each microinverter)
Trunk landscape cable MTC-1.7
2(N-1) cables required for N microinverters
Trunk landscape pigtail MTC- HR-1.7
T6 male cap
(N) caps required for N microinverters
CP-720 Duo microinverters
Module junction box (diodes)
DC cables from the module junction box
Microinverter cable MBC (one required for each microinverter)
Trunk landscape cable MTC-2.15
2(N-1) cables required for N microinverters
Trunk landscape pigtail MTC- HR-1.7
T6 male cap (N) caps required for N microinverters
CP-720 Duo microinverters
Module junction box (diodes)

DC cables from the module junction box

Microinverter cable MBC
(one required for each microinverter)

Trunk landscape cable MTC-2.15
(N-1) cables required for N microinverters

Trunk landscape pigtail MTC- HR-1.7

T6 male cap

CP-720 Duo microinverters

CP-250E Single microinverter

30A Breaker
For a complex layout, different cable lengths and panel orientations will be required.

Contact Chilicon Power at (310) 579-2449 if you require assistance.