



FLEX60 Checklist

For components that must be ordered through Sunflare, please fill in quantity.

Remember, total roof layout needs to be taken into consideration

Available from Sunflare

FLEX60 Modules Qty ____ (Comes with Heliobond on back.)

Top Cap 10' lengths Qty ____ (Typically 1 per 6 modules. May vary.)

Base Plate 2' lengths Qty ____ (Typically 1 per 2 modules. May vary. Comes with Heliobond)

Jumper Cable 1' Qty ____ (One per module)

Additional components are installer's responsibility and must be purchased separately.

Cables

***ONLY** installers will know the lengths needed from array to array, RSD/Optimizer to panel length, and array to junction boxes on roof.

- 10 AWG USE-2 PV wire is typically used for these MC4 connections, PV wire is required for series connections.
- Other cable lengths are available for purchase through Sunflare or installer can make their own custom length cabling.
- MC4 Heads 2 per panel needed - 1 Male & 1 Female.

Roof Prep

- Microfiber Rags
- 70% or Less Alcohol

Tools

- Crimping MC4 Tool

Rubber Wheel Pressure Roller

RSDs/Optimizers (if being used)

FLEX60s are typically installed in groups/series and each panel is ~29 volts DC. When utilizing an Optimizer/RSD do NOT exceed manufacturer's voltage input limits.

Example:

6 panels = 174 volts

4 panels = 116 volts

EG: SolarEdge P505 optimizer has an input limit of 83v so only (2) FLEX60s could be plugged into each optimizer.

The AP Smart RSD has an input limit of 80v so only (2) FLEX60s could be plugged into each RSD.

For electrical parameters please refer to your engineer's single line diagram for your specific project.

