



# HomeRun™ Combiner Boxes

Proven on more than 100 MW of installations across North America, SunLink's® HomeRun™ line of solar combiner boxes offers maximum versatility for projects of any size or design.

Standard product options include:

- 4-48 poles
- Integrated disconnect switch
- NEMA 3R, 4 and 4x (fiberglass or steel enclosure)
- String-level monitoring
- 100, 225 and 400 amp continuous rating design
- 600 and 1000 volt design
- Bulkhead connectors

These standard options can be combined into more than 2500 possible combiner box assemblies to support multiple installation configurations, and thereby reduce electrical costs.

Whether you choose a NEMA-rated 3R, 4 or 4X steel or fiberglass enclosure, HomeRun combiner boxes are built to weather even the most extreme conditions. Inside the box, stainless steel hardware and tin-plated bus bars prevent oxidation and extend lifespan.

Our clear Makrolon® backplates provide essential strength and flexibility without the risk of an electrically conductive backplate. Because the backplate is non-conductive, insulated standoffs are not required, which provides both cost savings and structural benefits as well enhanced safety.

Fuses meeting your specifications are included at no charge. Our fuse holders are mounted in an angled “V” configuration making it easier to insert wires into the fuse holder, thereby reducing box wiring time and offering better protection for the underlying energized bus bar.

HomeRun combiner boxes are designed for use with compression-style lugs to eliminate the dangers posed by heat cycling and the maintenance hassles associated with having to re-torque terminals. In addition, the boxes feature touch-safe fuse holders, reducing the risk associated with fuse replacement. Each disconnecting model contains a load-break rated, high power switch enabling installers, maintenance crews and first responders to safely disconnect the solar array at the source.

With output terminals rated to 90°C, every HomeRun combiner box undergoes extensive temperature testing. Our disconnect switches are run-tested 6,000 times to ensure the safe and full delivery of power in extreme conditions over the lifetime of the system.

To reduce project costs, HomeRun combiner boxes have the capability to support up to Dual 750KCMIL output conductors, perfect for use with either copper or aluminum conductors.  
*(more on reverse)*

Installation is made easy by enabling horizontal, vertical or sloped mounting. Conduit entries/exits are positioned in several locations on each box, providing flexibility for conduit routing. Further, each box contains generous spacing to maintain bend radii to allow easy access and room for work.

All HomeRun solar combiner boxes are ETL listed to UL 1741.

*Designed and made in the USA.*



## SunLink. Install Confidence.

SunLink Corporation provides scalable solar module mounting systems and integrated balance of system solutions that reduce total installed costs and improve design flexibility. Leading integrators and installers have chosen SunLink's commercial rooftop and ground-mounted systems on more than 200 MW of projects at 1000+ sites across North America. HomeRun Combiner Boxes have been installed on more than 100 MW of projects. SunLink's experienced engineering team provides comprehensive customer service for each installation.

TECHNICAL SPECIFICATIONS				
Product Line	60A	100A	225A	400A
Maximum Input Fuse Rating	20A	30A	30A	30A
Maximum Voltage Rating	600V	600V, 1000V		
Continuous Current Rating	50A	100A	225A	400A
Input Wire Size	#14 to #6	#14 to #6		
Output Wire Size	#14 to #1/0	Up to dual 350 MCM	Up to dual 500 MCM	Up to dual 750 MCM
Input Ground Size	#14 to #1/0	#14 to #4		
Output Ground Wire Size	#14 to #1/0	Up to dual 1/0 AWG	Up to dual 3/0 AWG	Up to dual 250 MCM
NEMA Rating	3R	3R, 4, 4X		
Temperature Range	-25°C to 50°C			
# of Inputs	4	6 to 48		
Enclosure Type	Aluminum	Fiberglass, Steel		
Options	None	Disconnect Switch, String-Level Monitoring, Bulkhead Connectors		

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