



Model: SCB-PW6

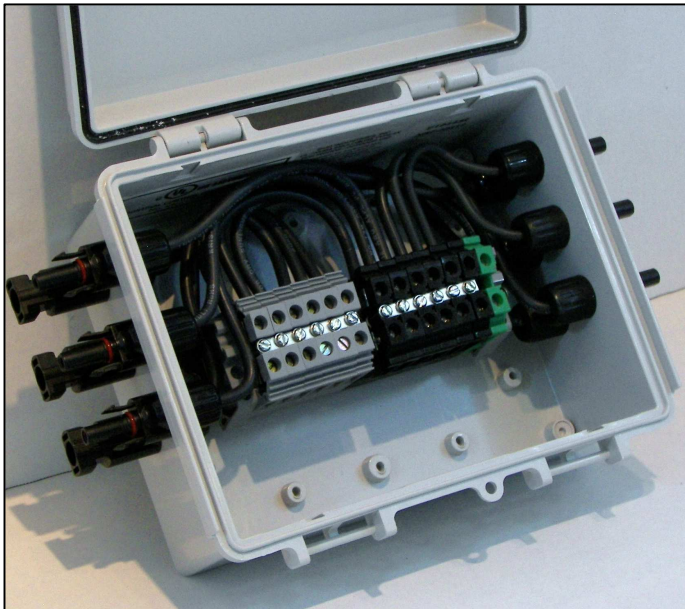
## Pre-wired, Non-Fused Solar Power Combiner Box

### FEATURES & BENEFITS

- 6-String Solar Panel Configuration
- Continuous Duty Rated at 600 Vdc
- Touch-safe Fuse Holders and Terminal Blocks
- All UL Compliant Components
- Weatherproof, Non-conductive Box
- Includes Output Circuit Cable Glands
- Pre-wired With Standard MC4 Connectors

### APPLICATIONS

- Remote Solar Power Systems
- Reduces Wiring to Inverter Box



### DESCRIPTION

Model SCB-PW6 – Pre-wired, Compact, Non-fused Solar Power Combiner Box features a weatherproof, non-conductive, UL listed enclosure. Unit is pre-wired with industry standard MC4 style connectors with a 6-string configuration. Rated for 600 Vdc continuous duty.

*Model Includes: UL Listed Enclosure, Touch-safe Terminal Blocks, Pre-wired MC4 Connectors, Watertight Output Circuit Cable Glands, Safety Labels and Mounting Ears.*



Output Cable Gland



Safety Labels

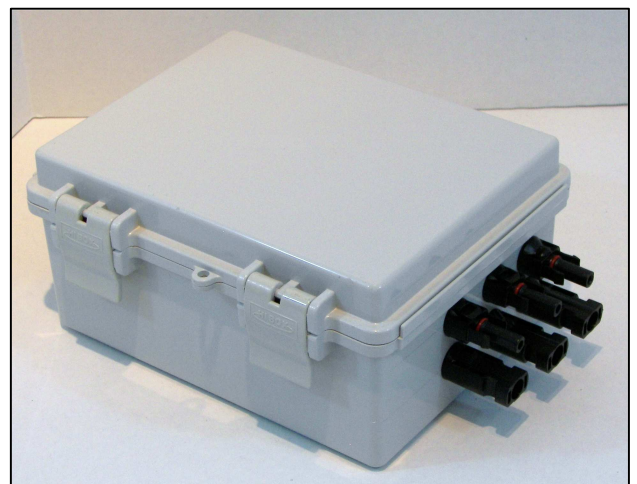


Mounting Ears



NEMA 4X Enclosure

**Optional Lightning/Surge Protection  
Module Available**



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## General Specifications

Operating Temperature: -40 to 130 °F (-40 to 60 °C)

Enclosure Size: 7.9 x 5.9 x 3.9" (201 x 150 x 99mm)

Enclosure: Material: PC/PBT Blended Plastic

Enclosure Rating: NEMA 4X, UL Listed



**Caution: Electrical Shock hazard. This product should be installed and wired by a trained licensed professional.**

## Available Models

Model Number	SCB-PW6	SCB-PW6-LP
Input Circuits	6	6
Input Circuit Connection (Pre-wired)	MC4	MC4
Output Wire Size	8-14 AWG	8-14 AWG
Earth Ground Terminal	1 Ea, 8-14 AWG	1 Ea, 8-14 AWG
Max Voltage Rating	600 Vdc	600 Vdc
Max Current Per Input Circuit	15 Amps	15 Amps
Max Total DC Output Current	50 Amps	50 Amps
Lightning/Surge Protection	N/A	500V

Note: Continued product improvements make specifications subject to change without notice.  
Check [www.imagineinstruments.com](http://www.imagineinstruments.com) for the latest product information and updates

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