



COMBINER BOX SERIES

Premier PV's combiner box series is designed to optimize performance and safety in photovoltaic balance of systems. Engineered with quality and field serviceability in mind, our commitment to excellence extends to every detail. From the selection of high-performance components to adequate internal wiring spacing, Premier PV products ensure peace of mind for installers and end-users alike.

Available in both standard string and high current models, all products are MET listed to the UL1741 standard.



SPECIFICATIONS

STANDARD STRING COMBINER BOX

- NEMA3R, 4, 4X enclosure options
- 400A or 500A main disconnect
- 14-24 inputs, 18AWG - 4AWG input wire range
- 15A - 30A per input fuse range
- Touch safe fuse holders
- Arc flash safety shield
- 2-hole NEMA lug mounting provisions
- 90C rated terminals
- 50C ambient temperature
- DC output termination hardware included
- Factory installed moisture & condensation vent
- Factory installed mounting feet
- MET UL1741 listed
- 100% product testing prior to shipment
- Serialized for traceability

HIGH CURRENT COMBINER BOX

- 1500VDC NEMA4X enclosure options
- 400A or 500A main disconnect
- 6-12 Inputs, 10AWG - 1/0 AWG input wire range
- 15A - 65A per input fuse range
- Touch safe fuse holders
- Arc flash safety shield
- 2-hole NEMA lug mounting provisions
- 90C rated terminals
- 50C ambient temperature
- DC output termination hardware included
- Factory installed moisture & condensation vent
- Factory installed mounting feet
- MET UL1741 listed
- 100% product testing prior to shipment
- Serialized for traceability

OPTIONAL FEATURES

- Factory installed lugs for ease of site material management
- Pre terminated, pre-labeled whips, 10AWG – 6AWG range
- Factory installed mounting solution
- Pre-punched conduit hole provisions
- Factory installed cable glands