

# COMBINER BOX



## AJMERA ELECTROTECH LLP

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## ABOUT US:

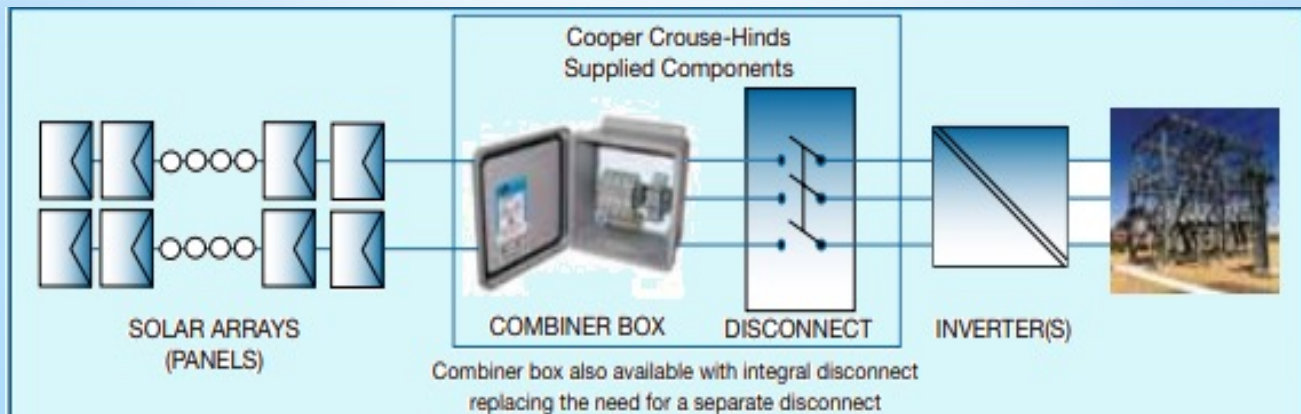
For more than 45 years now, we, AJMERA, are based in Mumbai, India. We take this opportunity to introduce ourselves as one of the leading Electrical Switchgears and Light Fittings manufacturers. We have served our customers, which include Government/Semi-Government bodies and leading private companies. We are accredited with ISO 9001:2015 Certification and are covered under MSME and NSIC India.

## COMBINER BOX:

Ajmera's Solar String Combiner Boxes & String Monitoring Boxes combine all the incoming lines from the solar panel strings/arrays and derive one standard array output for the multiple array inputs. In a large solar photovoltaic(PV) array, multiple solar modules are connected in a string to build up the voltage to proper levels for the inverter. Multiple solar modules are combined to multiply the string output currents to higher levels for input into the inverter.

Ajmera's String Combiners Boxes/String Monitoring Boxes allow the system designer great flexibility regarding the number of circuits, enclosure type, and output conductors.

Our combiners enclosures are available in either Thermoplastic, FRP/GRP/SMC, or CRCA. All sections feature-complete casketed seals, and all output terminals are rated for 90C. AJMERA manufactures as per the customer requirement that assembled combiner box or empty enclosure.





## FEATURES:

- \* A customizable-based solution as per customer needs and requirements.
- \* RANGE: 4/8/12/14/16/20/24 with suitable input channel for current.
- \* One input channel for Voltage 1000V/1500V
- \* Four digital input and one onboard temperature sensor.
- \* The enclosure is accessible only via the tool to ensure protection.
- \* Easy and decent Cable management.
- \* Wall Mounting design for easy installation and maintenance.
- \* Every terminal is secured and weatherproof for outdoor applications also.
- \* UV Resistant
- \* Touch Safe Fuse holder
- \* Surge Protection Device
- \* Monitoring Card
- \* Locking Arrangement Hinge and Screw type.
- \* Internal Bus Bar: Aluminium / Copper
- \* IP Protection :IP 65
- \* Inbuilt Mounting Brackets for easy installation.
- \* Robust & Reliable.
- \* Operating Temperature up to 70C with ambient degree temperature up to 50C