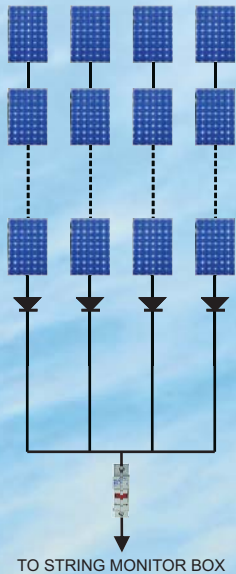


ARRAY JUNCTION BOX

Ideal for use with all Thin film /Cd-Te type Solar panels, used to connect large numbers of low current, high voltage PV panel strings before being connected to String Monitor Box.



Available in current ranging from 1 A upto 4A per string, and from 3 upto 16 strings input, the PST string combiner can be designed for wide range of solar panels used in MW range solar installation. Housed in IP65 protection, polycarbonate boxes, the PST has specially designed diode isolation and termination arrangement. Heat Management of the entire box comes with STATCON's 24 years experience in Power design of semiconductor devices. Thus it will ensure long life of the String Combiner Box.

TECHNICAL DETAILS OF PST RANGE STRING COMBINER BOX

- ♦ Ambient : -10°C upto 55°C
- ♦ Type of enclosure : IP65 type 100% Polycarbonate enclosure
- ♦ Peak Voltage : upto 1000V DC
- ♦ String current : 1A upto 4A
- ♦ Total output capacity : 20A maximum
- ♦ Number of strings : 3 to 16
- ♦ Type of protections : 1000V DC fuse with base
Optional : Fuse trip indication
- ♦ Terminals / Cables : 4mm² to 16mm² as per requirement
- ♦ Expected life : ≈ 25 years
- ♦ Top cover : Opaque / Transparent

Box with customized design or as per OEM's own make can also be offered.

STATCON'S PRODUCT RANGE FOR SOLAR APPLICATIONS

- Hybrid Solar Inverter
- Off-Grid Solar Inverter
- 24V / 48V MPPT Charge Controllers
- 110V / 220V MPPT Chargers
- Intelligent String Monitor
- 24V / 48V DC Solar-Mains-DG-Hybrid System
- MW Solar Inverter Solution from Answer Drives, Italy
- 3 Phase Bi-Directional solar Inverter

Statcon Power Controls Ltd.

A-34, Sector-59, Noida, G.B.Nagar - 201301
 Ph.: +91-120-3851760 Fax: +91-120-3851796
 Web Site : www.stat-con.com, E-mail: info@stat-con.com