

## SOLAR JUNCTION BOXES

The innovative Xnnexa™ Junction Boxes are designed for silicon photovoltaic (PV) systems, Xnnexa junction boxes reduce installation time

### FEATURES:

For All Solar Panels including Single Diode, Double Ribbon Photovoltaic Panels

- Highest performance rated axial diode on the market for a single diode box application.
- Insertion force connection of PV ribbons for quick and easy assembly with no soldering.
- Low profile single panel design to accommodate a two ribbon panel.
- Cable strain relief incorporated in box.
- Practical internal volume and venting for good thermal dissipation and low interior temperatures.
- IP65 rated.
- RoHS and REACH compliant eco-friendly solderless internal connections.
- Sizeable opening for conductor ribbons.
- Ambient temperature range of -40°F (-40°C) to 221°F (105°C) (UL).
- UL recognized under file E325860.
- TUV certification pending.

### GENERAL :

The Xmultiple Smart Junction Boxes allow for wireless communication with a central unit that can track the panels on their individual performance and allows the panels or its substrings to be quickly switched off in the case of failure, fire, tornado, or other calamity. The Smart Junction Box allows monitoring of voltage, current and temperature parameters such that Solar system owners or service providers can automatically track the performance of the panels and determine if service or maintenance is required.



**XSOL-802A**



**XSOL-803A**



**XSOL-804A**



**XSOL-805A**



**XSOL-806A**