



Next gen
solar IPC

Insulation Piercing Connector for connecting DC-BUS cables



Our Next Gen IPC allows a higher current-carrying capacity (260 A), dramatically reducing field connections and long runs of 4-6mm² cables.



The new IPC design delivers multiple advantages:

- Increase in **power generation efficiency** by reducing system losses through our advanced piercing technology.
- **Eliminates the costly and labor-intensive “cover”** in traditional connectors. A **smart connector body** with desired creepage.
- The first of its kind **IEC & UL certified** solar piercing connector.
- **IP2X** protection is ensured during installation.
- **One-step installation** addressing scarcity of skilled labor.

Reliability is a top priority.
Sicame's Next Gen IPC builds on 60+ years of experience.

It ensures superior performance across various temperatures, humidity, and UV conditions. Being factory-assembled warrants high-quality and consistent performance reducing the risk of failure during installation & long-term operation.



- Offering versatility for installation constraints.
- Piercing only in the main side cable ensuring one-step reliable connection.
- Shearbolt technology ensures an optimum tightening torque, suitable for manual or torque wrench installation.
- Connector for Class II equipment.
- Galvanised hardware.
- Can be optionally equipped with string-level monitoring.

Sicame Solar Solution

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