

®

elmex

since 1963



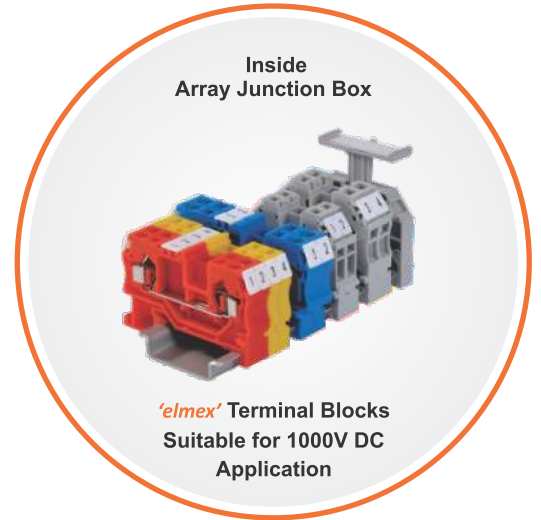
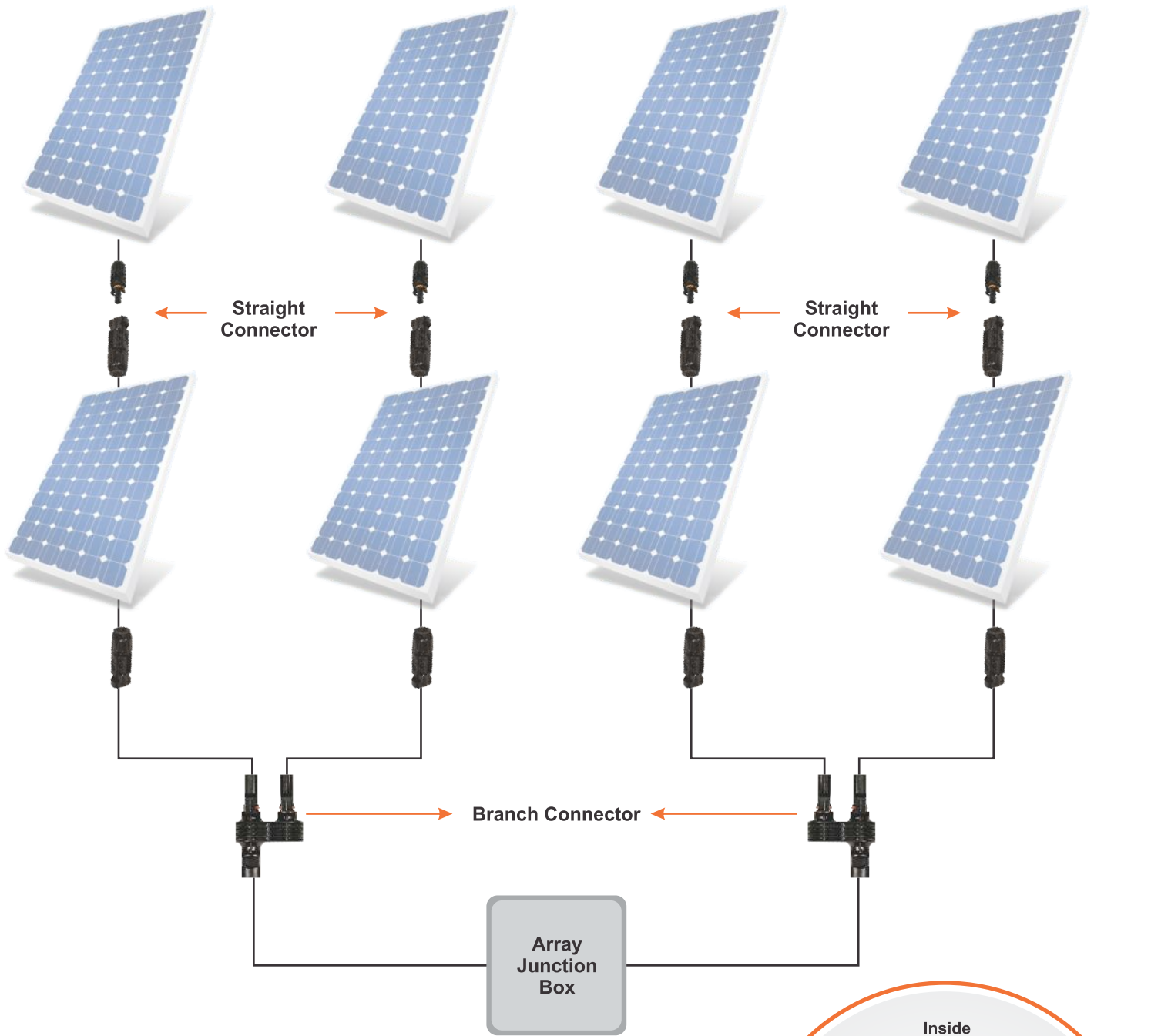
● **Converging Innovations**

● **Expanding Solutions**



**Solutions For
Solar Photovoltaic**

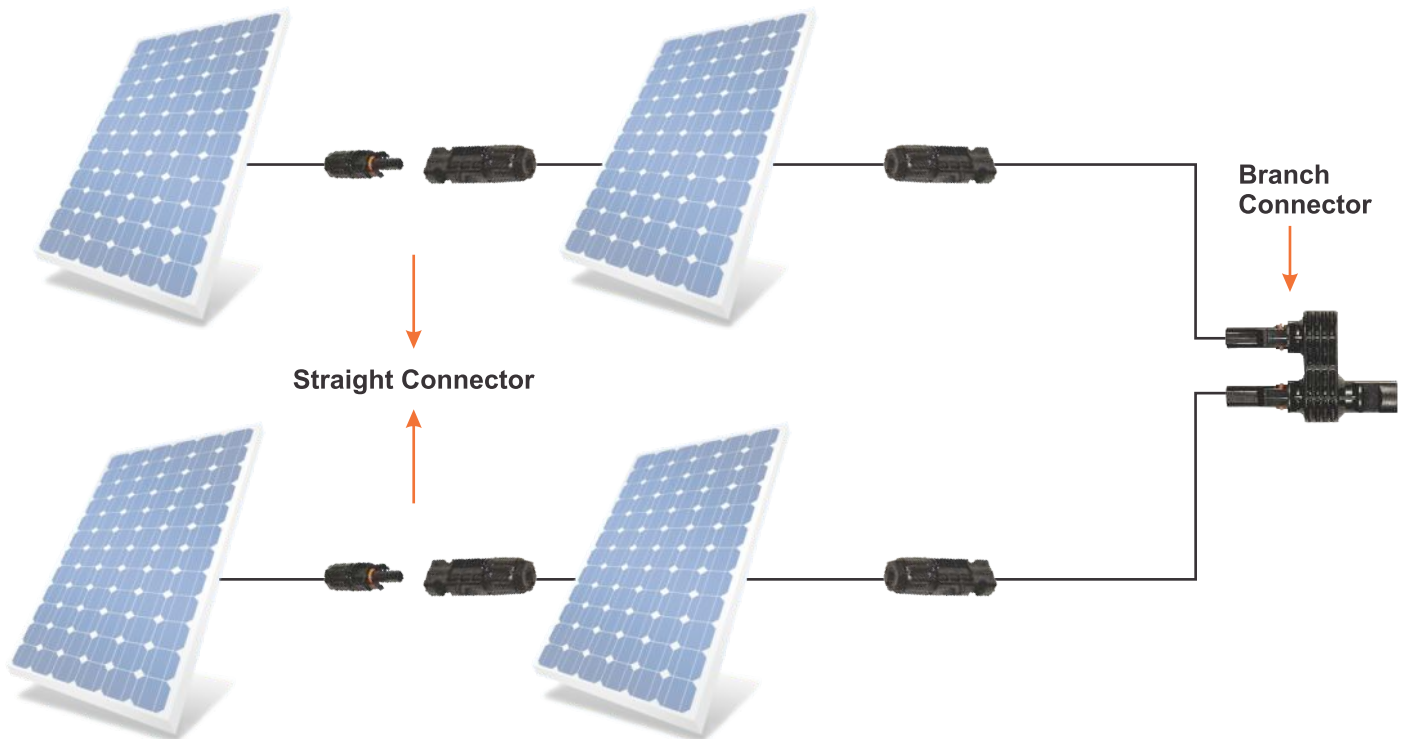
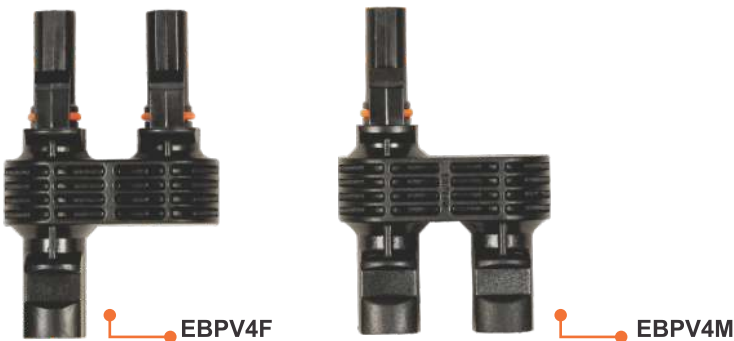
SOLAR PHOTOVOLTAIC SCHEMATIC DIAGRAM



'elmex' PHOTOVOLTAIC SOLAR BRANCH CONNECTOR

'elmex' has developed branch connectors EBPV4M and EBPV4F to facilitate parallel connection of photovoltaic male or female straight connectors depending on on-site application. The branch connector has 3 branches, 2 for inputs either male or female and 1 for output either male or female. 'elmex' branch connector are constructed using single metallic component, optimizing its performance. The branch connector is easy to connect and disconnect without help of any accessory and thus it is easy to use. 'elmex' branch connector is IP67 protected and has mating compatibility with 'elmex' make straight connector EMPV4.

Description	'elmex' Specification
Rated Voltage	1000V DC
Rated Current	25A(2.5 mm ²), 30A (4 mm ² ,6 mm ²)
Test Voltage	6KV (50HZ)
Degree of Protection	IP 67
Contact Material	Brass With Nickel And Tin Plating
Operating Temperature	- 40°C TO 85°C
Safety Class	II
Contact Resistance	≤0.5 mΩ
Insertion Force	≤50 N
Withdrawal Force	≥50 N
Locking System	Snap In





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