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### **PV Solar ToolKit - EMPVKIT**

#### **ESCCT: Crimping tool**





**Application:** Crimping tool ESCCT to be used for crimping of different size of solar DC cable in contact pins, depending on cable size, contact pins to be placed in corresponding jaws for crimping.

#### **EMPVCRT: Solar Cable Stripper**

**Application:** Wire Stripper is used for stripping of solar DC cable sizes of 2.5mm<sup>2</sup>, 4mm<sup>2</sup> and 6mm<sup>2</sup>.





Application: To cut the Solar DC Cable.





Application: Tighten and open the pair of PV Connectors EMPV4 / EMPV4N/ EMPV10N.



**EPVOS-BF: Spanner** Application: To open the PV Branch with Inline Fuse Connectors for fuse replacement EBWFPVM1500, EBWFPVF1500.



**EPVOS-U: Spanner** Application: To open the pair of

PV Connectors of different makes.



#### Crimping Tool Attachment (Pin Guide)

Application: To support contact pins during crimping of cable.





EMPVGNG: Go-No Go Gauge

Application: To verify proper locking of Male and Female contact pins in PV Connector Insulation Housing.



## EMPVPC4N: Panel connector pair

Application: A pair of Panel connector used in Inverter and combiner box.



#### EMPV4N: Straight connector pair

**Application:** A pair of Straight connector used with Inverter, Combiner box and PV Module connector.



#### **EPVOS-P: Spanner**

Application: To hold housing of the PV Connectors and to open a pair of connector from Inverter and combiner box.





## Solar Connector Assembly Instructions: EMPV4N



## Solar Connector Assembly Instructions: EMPV10N





# Solar Panel Connector Assembly Instructions: EMPVPC4N



- After insertion of the crimped cable make sure you will get result as figure.2
- Contact pin with crimped cable inserted in plastic housing gets locked inside.



Fig. 1

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## Solar Straight Inline Fuse Connector-1500V DC: EMPV4IFC1500





## Solar Straight Inline Fuse Connector-1000V DC: EMPV4IFC



## Solar Straight Inline Fuse Male Connector-1500V DC: EMPV4IFCM1500



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• The Male inline fuse connector are ready for connection



# Solar Straight Inline Fuse Male Connector-1000V DC: EMPV4IFCM



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• The Male inline fuse connector are ready for connection



# Solar Straight Inline Fuse Female Connector-1500V DC: EMPV4IFCF1500

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• The Female inline fuse connector are ready for connection

## Solar Straight Inline Fuse Female Connector-1000V DC: EMPV4IFCF

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**PV Solar Catalogue** 

