

“Special” tools for photovoltaic systems

The production of electricity generated by photovoltaic systems is constantly developing. At an international level, energy coming from alternative sources increases by 20% each year, and alternative energy currently covers only 0.2% of all energy needs. Potential in this sector is therefore very high, and professionals in the sector can take advantage of this fact. Special tools by KNIPEX for crimping, stripping and cutting in the photovoltaic sector make it possible to carry out professional work in complete safety, satisfying the requirements indicated in directive RAL GZ 966. Requirements for the installation of a technically perfect photovoltaic system are very demanding: it is necessary to have efficient, safe, and long-lasting electrical connections.

Tool set for photovoltaic systems

Complete set for high-quality special tools, suitable for installing PV systems and they can be adapted to different connecting "systems" from various suppliers

Basic tools set for installation of PV systems

Consisting of:

- 1 crimping plier B 2190 (without dies)
- 1 wire-stripping plier with automatic adjustment B 2186/83, for 1,5÷6,0 mm² cables
- 1 shear with VDE coating M 7150/2, for electrical cables with max section 50 mm²

Dies and positioners have to be ordered separately according to specific needs

Supplied with strong synthetic resin case with preformed foam bottom

Dimensions LxDxh 345x280x80 mm - Approx. weight 2 kg

Code B 2190 9000	B 2190/9	Each €		1
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Tools set for installation of MC3 PV systems

Consisting of:

- 1 crimping plier B 2190 (without dies)
- 1 pair of B 2190/4 dies for MC3 solar connectors with B 2190/41 positioner
- 1 B 2190/93 tool for mounting MC3 solar connectors
- 1 wire-stripping plier with automatic adjustment B 2186/83, for 1,5÷6,0 mm² cables
- 1 pair of shear with VDE coating M 7150/2, for electrical cables with max section 50 mm²

Dies and positioners have to be ordered separately according to specific needs

Supplied with strong synthetic resin case with preformed foam bottom

with 4 containers for small components and dividing element

Dimensions LxDxh 345x280x110 mm - Approx. weight 3,3 kg

Code B 2190 9100	B 2190/91	Each €		1
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Crimping pliers for photovoltaic systems


In hardened and oil-hardened chrome-vanadium steel

Automatic opening after clamping

Crimping pressure factory calibrated

The precision profiles of the dies and the stop system (unlockable) allow for several quality crimping operations

Manual type with ratchet movement

Two-component material handles - With spring 

Lever transmission for high performance and reduced effort - Overall length 200 mm

Supplied with strong synthetic resin case with foam bottom for placing dies and positioner (not included) with mounting tool, screw and nuts

Code B 2190 0000	B 2190	Each €		1
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Type with electromechanical drive for safely crimping female terminals up to 25 mm² and socket terminals up to 50 mm²

Without hydraulic components, no leakage

Basic maintenance, only scheduled after 25000 crimping operations

It works with rechargeable Lithium-ion battery 12 V (included), without memory effect

170 work cycles for 10 mm² plug connectors with one battery charge

Approx. max crimping force 11 kN

With LED to light up the working area and fall arrest safety ring

Supplied with battery, battery charger, mounting tool, screws and nuts, in strong synthetic resin case with foam bottom for placing dies and positioners (not included)

Overall length 274 mm

Code B 2190 2000	B 2190/2	Each €		1
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