SOLDERING IRON

PCE-ESI 150



- **Temperature range from 100 ... 450°C / 212 ... 842°F**
- **5 quick-select temperature levels**
- **Fast heat-up in 7 s**
- **Fine temperature adjustment in 1°C / 1.8°F increments**
- **3 precision tips for fine work**
- **Operating time approx. 1.5 h @350°C / 622°F**
- **Built-in battery with 2600 mAh**
- **Intelligent auto-sleep and energy-saving system**

The cordless Soldering Iron is designed for soldering work with precisely adjustable temperature and combines cordless operation with power supply via USB-C. For small components and SMD soldering, the precision tips support targeted work, while the fast heat-up reduces waiting time before work begins.

The temperature can be quickly adapted to recurring tasks using five quick-setting levels and can also be finely adjusted in small steps. The wide temperature range covers a variety of soldering tasks. The tips have a core resistance of 2.10 Ω and are designed for precision work. With 10 W of power, the Soldering Iron delivers the heating performance required for these tasks.

For a continuous workflow, the device switches seamlessly between battery operation and USB-C power supply. The built-in 2600 mAh battery enables cordless use, while the corded and cordless dual mode allows you to choose the appropriate operating mode. An intelligent auto-sleep system and the energy-saving system support power use as needed.

The Soldering Iron is especially suitable for fine work on small components as well as SMD soldering tasks. The combination of F210 precision tips, finely adjustable temperature, and rapid heat-up supports controlled work steps on sensitive solder joints.

Specification

General technical data	
Units	°C, °F
Display Typ	IPS
Display size	0,96 Inch
Interface	USB-C
Warm-up time	7 s
Operating time	1,5 h
Operating time Additional information	at 350°C / 622°F continuous operation
Temperature range	100 ... 450 °C
Performance	10 W
Menu language	English (GB), English (US), Chinese
Protection class (device)	IP20
Power supply	5 V DC
Connector type	Euro plug
Battery/battery	1 x 3,7 V 18650 , Lithium-ion battery
Battery capacity	2600 mAh
Operating conditions	0 ... 50 °C , 0 ... 90 %RH
Storage conditions	0 ... 50 °C , 0 ... 90 %RH
Dimensions (L x W x H)	195 x 24 x 30 mm
Weight	140 g

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