

# The Power-plus-package

When top efficiency is being required for crimp operations there is no alternative to the **Klauke® ultra+**. Crimp operations requiring high efforts and force will become very easy because of the outstanding centre of gravity of the tool. In addition the automatic retract stop (ARS) facilitates further rapid multiple crimps.



EK 120/42-L



Technical data	EK 120/30-L	EK 120/42-L	EK 120 U-L	EK 120 ID-L
Crimping force:	120 kN	120 kN	120 kN	108 kN
Stroke / opening width:	30 mm	42 mm	20 mm	52 mm
Crimp range (Cu / Al):	400 / 240 mm <sup>2</sup>	400 / 240 mm <sup>2</sup>	400 / 240 mm <sup>2</sup>	500 / 500 mm <sup>2</sup>
Number of crimps:	approx. 115 @ 150 mm <sup>2</sup> Cu DIN	approx. 110 @ 150 mm <sup>2</sup> Cu DIN	approx. 115 @ 150 mm <sup>2</sup> Cu DIN	approx. 60 @ 150 mm <sup>2</sup> Cu DIN
Integrated pressure test with error display:	✓	✓	✓	✓
Autom. control of crimp position (ARS):	✓	✓	✓	✓
Weight incl. battery:	6.6 kg	6.8 kg	6.0 kg	6.8 kg
Part-No.:	EK12030L	EK12042L	EK120UL	EK120IDL



#### Wide crimping with 12 tons:

The Klauke® ultra+ is the ideal solution for crimp ranges up to 400 mm².

#### Effortless cutting:

The power pack from Klauke: Only the Klauke® ultra+ cuts Armoured cables of up to 105 mm Ø smoothly with a cutting force of up to 120 kN.

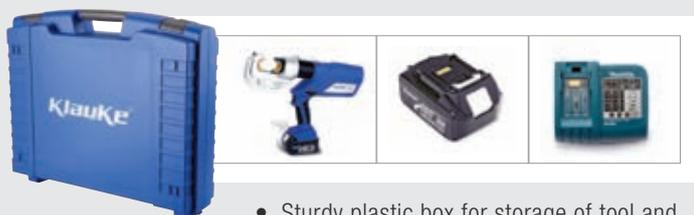


### Characteristics:

- Electronic control and inspection of the crimping cycle
- Integrated pressure test with optical and acoustical signal in case of failure
- Analysis of data via optical interface and USB adapter
- Ergonomic design with two-component handle area and optimized position of centre of gravity
- One-push button operational concept for easy handling
- LED zur Illumination of working space
- Powerful motors for fast pressing cycles and efficient work
- Two stage hydraulic system with quick feed and power stroke
- Power save function by motor stop (automatic stop)
- Crimping and cutting heads rotate
- Quick motor stop guarantees highest safety for the operator
- Automatic retraction once crimp is completed
- Manual retraction in case of need
- Automatic retraction stop (ARS) for multiple crimps
- Manual retraction stop (MRS) for cutting tools
- Multifunctional LED indicates maintenance and battery control
- High performance 18 V Lithium-Ion Batteries offering 50% higher capacity and extremely short charging times
- Environment-friendly hydraulic oil, quickly bio-degradable
- The sound pressure level of all Klauke® ultra+ tools undercuts significantly 70.6 db (A) metered in 1 m distance. Vibrations are considerably below 2.5 m/s².



### Scope of supply:



- Sturdy plastic box for storage of tool and accessories
- Battery RAL2, 18V, 3.0 Ah, Makita Lithium-Ion
- Battery charger LGL1 Makita MAKSTAR technology

### Accessory:



- Mains adapter NG2, compatible with all tools (mini+, ultra, ultra+, multi)
- USB adapter PGA1

### Cutting tools:



Technical data	ESG 55-L	ES 85-L	ESG 85-L	ES 105-L	ESG 105-L
Shape of head:	guillotine closed	open scissor	guillotine closed	open scissor	guillotine closed
Cutting range:	55 mm	85 mm	85 mm	105 mm	105 mm
Type of cables:	armoured Cu- and Al-cable, Al/St-steel	slightly armoured Cu- and Al-cables	slightly armoured Cu- and Al-cables	slightly armoured Cu- and Al-cables	armoured Cu- and Al-cable
Number of cuts:	approx. 120 @ Al/St-steel 570/40	approx. 70 @ 4x240 mm² NY	approx. 70 @ 4x240 mm² NY	approx. 60 @ 4x240 mm² NY	approx. 60 @ 4x240 mm² NY
Man. stoppage of retraction (MRS):	✓	✓	✓	✓	✓
Weight incl. battery:	8.0 kg	6.3 kg	7.2 kg	8.8 kg	10.5 kg
Part-No.:	ESG55L	ES85L	ESG85L	ES105L	ESG105L