



ESG85EF1



ESG85ES1

**ESG 85-L**

Battery powered hydraulic cutting tool Ø 85 mm

- Cuts copper and aluminium cables with light weight steel armoured (depending on cable type)
- Large cutting range
- High user safety through cutting head with bolt interlock

**Characteristics**

- Closed cutting head with bolt interlock, rotatable, flip top style
- Electronic control and monitoring of cutting operation
- One-button operating concept for controlling all tooling functions
- Ergonomic 2-component plastic housing with soft linings for comfortable and safe one hand operation
- Balanced centre of gravity for easy handling and effortless operations
- LED for workplace illumination
- High-performance 18V Lithium-ions batteries with high capacity and extremely short charging time
- High-performance motors for maximum operating speed
- 2-stage hydraulic system with fast feed and power stroke
- Energy saving function by stopping motor after successful cutting operation
- Quick motor stop for high user safety
- Automatic retraction when cut is complete
- Manual retract in case of need
- Manual retract stop (MRS) for efficient operations
- Light diode for maintenance control, charge level indicator of the batteries and for data transmission via USB-Adapter
- Environmentally-friendly hydraulic oil, quickly biodegradable

Technical data	
Cutting range:	max. Ø 85 mm (e.g. 4 x 240 mm <sup>2</sup> NYY)
Cutting force:	60 kN
Cutting time:	dependent on cable type
Number of cuts:	dependent on cable type
Battery voltage:	18 V
Battery capacity:	3.0 Ah, Li-Ion
Charging time:	22 min.
Weight incl. batteries:	6.5 kg
Ambient temperature:	-20° C up to +40° C

Item	Part No.	
Battery powered hydraulic cutting tool Ø 85 mm	<b>ESG85L</b>	
Scope of supply	Part No.	Page
Battery 18 V / 3.0 Ah, Li-Ion (54 Wh)	RAL2	376
Quick-charger for 18V Li-Ion-Batteries	LGL1	378
Plastic case	KK120L	

Accessories	Part No.	Page
Outer fixed blade	ESG85EF1	
Inner, moving blade	ESG85ES1	
18 V mains adapter for 115 V Voltage	NG2115	376
USB adapter	PGA1	385