



ESAB DC Arc Power

Power sources

LAF 630, 1000, 1250 and 1600

The LAF series are remote-controlled, three phase, fan-cooled welding power sources designed for high productivity mechanized MIG/MAG or submerged arc welding. They are used in combination with ESAB's A2/A6 Process Controller (PEH), and equipment range.

LAF welding power sources have excellent welding characteristics throughout the entire current and voltage range, with particularly good starting and re-ignition properties. These power sources demonstrate good arc stability at both high and low arc voltages.

The welding power source can be adjusted and monitored from the front panel of the process controller (PEH), which permits easy adjustment of all welding parameters. Preset welding parameters are monitored and can be adjusted during welding.

The welding power sources are protected against overload by a thermal cut-out. When it trips, a yellow lamp on the front panel is illuminated. The cut-out is automatically reset when the temperature drops to an acceptable level.

The welding current range can be extended by connecting two power sources in parallel.



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Applications

Submerged arc welding

The excellent welding characteristics of the LAF series make these power sources ideal for submerged arc welding.

MIG/MAG welding

LAF power sources produce a stable arc at very low currents and voltages. This means that they are also ideal for MIG and MAG welding.