

## LAFE8000

Three-phase 8 kW Active Power Factor Correction Supply



Solution for

- Laser applications
- Industry
- Galvanic processes
- Scientific

Water cooled Power factor correction power supply, 380 V<sub>dc</sub>, 21 A, without galvanic insulation  
Designed for parallel operation up to 6 units.

### Technical Data

### Specification

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<b>INPUT</b>	
Nominal input voltage	360 ... 510 V <sub>ac</sub> , 47 ... 63 Hz
Efficiency (typical)	95 %
Power factor	> 0.92
<b>OUTPUT</b>	
Output Voltage	380 V <sub>dc</sub> +/- 10 V
Output Current	0..21 A
Load regulation	< 2.0 %
Ripple	< 5.0 V <sub>pp</sub>
<b>GENERAL</b>	
Operating temperature range	+5 ... +40 °C (Baseplate temperature +5 ... +30 °C)
Protections	Over-current, Over-temperature, Over-voltage
MTBF	300.000 Hrs. (25 °C, GB)
Safety	EN50178
EMC	EN61000-6-2, EN61000-6-4
Dimensions W x D x H	120 x 350 x 125 mm
Cooling	Water

