

LAPS2400

ACDC Power Supply for Laser
Applications with 24 V AUX Supply



DC and pulsed applications, Universal mains,
Current sharing, up to 2 units in parallel.

Solution for
Laser / Industry

Product range	Power
LAPS120	120 W (AUX)
LAPS2400	2.4 kW
LAPS3800	3.8 kW
LAPS21000	21 kW

Technical Data

Input

Nominal input voltage	90 V ... 264 V _{ac} , 50/60 Hz
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Output

Output voltage	5 ... 40 V _{dc} (programmable, V and I mode)
Ripple and noise	<50 mVpp
Line regulation	<0,1 %
Load regulation	<1 %
Total output power	2400 W at 40 V _{dc}
Efficiency (typical)	93 %
Aux supply	24 V/4 A

General

Operating temperature range	0... 50 °C
MTBF	300.000 Hrs, (35 °C, GB)
Protections	Over-current, Over-voltage and Over-temperature
Safety	EN/UL/CSA/61010
EMC	IEC61000-6-2 and IEC61000-6-4
Dimensions W x D x H	125 mm x 425 mm x 65 mm
Cooling	Forced air (Fan included)