

LAPS14000

ACDC Laser Power Supply

Solution for

- (LASER) Industry

Product range	Power
LAPS1500	1.5kW
LAPS3500	3.5kW
LAPS14000	14kW

Specifications

Base plate cooled, DC and pulsed applications, 3 phase mains, Current sharing, up to 16 units in parallel.

Technical data	Specification
INPUT	
Nominal input voltage	340V ... 528Vac, 3 phase, 50/60Hz
OUTPUT	
Output voltage	0-50Vdc (programmable, V an I mode, pulsed up to 200kHz)
Ripple and noise	<50mVpp
Line regulation	<0,1%
Load regulation	<1%
Total output power	14000W (at 40Vdc)
Efficiency	93%
GENERAL	
Operating temperature range	Baseplate: 5...+55°C; Ambient 0...+70°C
MTBF	300000Hrs, GB, 35°C
Protections	Overcurrent, overvoltage and temperature
Safety	EN61010
EMC	IEC61000-6-2 and IEC61000-6-4
Dimensions W x D x H	440 mm x 470 mm x 100 mm
Cooling	Baseplate

