

RFL-ABP-4000/4000

ABP Fiber Laser
Data sheet V 1.0

Features

- » Field of application: Battery welding
- » Adjustable Beam Profile
- » High speed welding process
- » Excellent welding result
- » Optimised for the battery production



TECHNICAL SPECIFICATIONS

Central wavelength	1075-1085 nm	Power instability	<±1.5 %
Center emission power	4000 W	BPP	< 2.2 mm.mrad @ 50µm
Ring emission power	4000 W	Control mode	Serial, AD
Emission power	8000 W	Dimensions	900x960x1160 mm
Fiber length	20 m (modifiable)	Weight	<400 kg
Operating Voltage	AC 340-420 V	Operating temperature	10 - 40 °C
Center fiber core	50-100 µm	Power range	10-100 %
Ring fiber core	150-300 µm	Humidity	< 70 %
Optic	IHQB	Cooling Methode	Water

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