

## RFL-ABP-3000/3000

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
Center emission power	3000 W
Ring emission power	3000 W
Emission power	6000 W
Fiber length	20 m (modifiable)
Operating Voltage	AC 340-420 V
Center fiber core	50-100 µm
Ring fiber core	150-300 µm
Optic	IHQB

Power instability	<±1.5 %
BPP	< 2.2 mm.mrad @ 50µm
Control mode	Serial, AD
Dimensions	900x960x1160 mm
Weight	<360 kg
Operating temperature	10 - 40 °C
Power range	10-100 %
Humidity	< 70 %
Cooling Methode	Water

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