PERFECT LASER .CO.ZA

PLF-20 PB PORTABLE BATTERY-OPERATED FIBER LASER



Optional wheeled carry case



Only 6.4 Kg!

Perfect for on-the-go marking of logos, serial numbers, bar codes & other images or text on many metallic materials & plastic-type products such as cell phone covers, chargers, notebooks, tablets, etc. The built-in Lithium Ion battery allows you to work remotely with ease. Simply place the frame over an item to be marked, & pull the trigger.

SPECIFICATIONS

Laser Wavelength	: 1064nm
Repetition Frequency	: 20kHz~80kHz
Laser Power	: 20 Watts
Work Area (mm)	: 100 x 100 (Standard)
Laser Source	: MAX Fiber Module
Laser Head	: Scanning Head (Galvo)
Marking Speed	: Up to 7000 mm/s
Repeated Accuracy	: 0.02 mm
Control System	: Integrated - 20cm Screen
Operating System	: Linux
Cooling	: Forced-air Cooled
Power Consumption	: 145 - 450 W
Charging Power Supply	: 220V / 50Hz
Lithium Battery Voltage	: 21.6V
Battery Capacity	: 10Ah
Battery Runtime	: 2 - 3 Hours
Complete Unit Weight	: 6.4 Kg



Product images shown are for reference only & may be different from the actual product sold.

FEATURES

- Lithium battery-operated.
- Portable & lightweight - use anywhere!
- Specialized fiber marking software.
- 3rd generation high speed fiber laser.
- High quality laser source.
- Long operating life.
- Precision control.
- Almost zero maintenance, with high reliability.
- Quiet & clean engraving / marking.
- Shipped to you as a completely pre-assembled & factory- tested system.

BENEFITS

- Marks a wide range of materials & thicknesses.
- No tool changes reduces job setup time.
- Environment-friendly system. Quiet and clean with low electrical consumption.
- Perfect for short-run, on-the-go production.
- Increases your profitability.
- We hold consumables & spares in stock at all our branches nationwide, ensuring minimum downtime for your business.

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DISCLAIMER

Information contained in this data sheet is up-to-date & correct as at the date of issue. As Perfect Laser Technologies (Pty) Ltd cannot control or anticipate the conditions under which this product may be used, each user should review the information in specific context of the planned use. To the maximum extent permitted by law, Perfect Laser Technologies (Pty) Ltd will not be responsible for damages of any nature resulting from the use or reliance upon the information contained in this data sheet. No express or implied warranties are given other than those that are mandatory by law. This document is subject to change without notice.

Perfect LaserTechnologies (Pty) Ltd
Unit 6, 451 Vale Ave, Randburg.
sales1@perfectlaser.co.za
www.perfectlaser.co.za
010 157 0113