

PLW-40D

Desktop Handheld Laser Welder

Ultra-portable

Ultra-quiet

Non-stop welding



26KG	24h	4mm	
Ultra-portable	Non-stop Welding	Highest single-side penetration	Quiet design

Advantages

Double efficiency, non-stop welding.

Stable operation under -10 ~ +40C operating environment.

7" touch screen, simple operation.

Multiple safety protection.

ABR technology, easily weld aluminum, copper and other highly reflective materials.

For more information contact sales.europe@prclaser.com

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Applications

Wide range of materials to weld: different thicknesses steel (carbon steel, galvanized steel), aluminum alloy, stainless steel, red copper, etc.



Furniture and household appliances	Hardware and building materials	Windows and doors industry	Auto industry	Mechanical engineering industry
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Specifications

Model	PLW-30D	PLW-40D
Power	800W	1200W
working mode	Continuous Mode/Pulse Mode	
Output Laser Wavelength	1080 ± 10 nm	
Input voltage	220VAC/50Hz/60Hz	
Protective gas	Inert gases	
Dimension/Weight	250 x 579 x 479 mm (LXWX H) / 26 kg	

Welding capability						
Power	Materials to weld	Stainless steel	Carbon steel	Aluminum	Brass	Red copper
800W	Single-side penetration	3mm	3mm	3mm	3mm	0.8mm
1200W	Single-side penetration	4mm	4mm	4mm	3.5mm	1mm

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