

Makita

18V Brushless Sander & Polisher

LXT

DPV300



Product Statement

18V Brushless Sander & Polisher

The 18V LXT Brushless Polisher/Sander (DPV300) is a compact solution for precise detail polishing or sanding applications. A dual speed selector provides 0-2,800 RPM in polish mode and 0-9,500 RPM in sanding mode. A variable speed trigger with power lock-on provides added convenience and comfort during use.

The brushless motor enables the motor to run cooler and more efficiently for longer run time performance and rubberised gear housing helps protect delicate surfaces. The polisher/sander features Anti-restart protection, which is engineered to prevent motor start up when the battery is inserted with power switch in locked-on position.



Product Overview

Compact Design

2 Speed Mechanical Gearing

Standard with Polishing
& Sanding Pads

Removable dust covers

Lock on trigger



50mm Sanding Pad

80mm Polishing Pad



EXTREME PROTECTION TECHNOLOGY

Product Specification Sheet



Pad size	Twist on Style: 50mm Hook & Loop: 80mm
No load speed	For Polishing: 0-2,800rpm For Sanding: 0 - 9,500rpm
Noise	73dB(A)
Vibration	2.5m/s ²
Overall length	160mm
Skin weight	1.0kg
Weight (with battery)	1.6kg (BL1860B)
Voltage	18V

- **Compact Design** – for improved handling and control the overall length has is only 160mm in length for comfortable use in narrow or delicate locations
- **Standard with Polishing & Sanding Pads** – both polishing and sanding pads are provided as standard and can simply be screwed ON/OFF at the spindle. The 75mm hook and loop style polishing pad accepts 80mm polishing accessories. While the sanding pad accepts 50mm twist on / twist off type sanding pads.
- **2 Speed Mechanical Gearing** – 2 speed gearing has been optimised for each application. Speed 1 is designed for polishing applications providing 2,800rpm. While speed 2 has a no load speed of 9,500rpm ideal for sanding applications.
- **Removable dust covers** – sanding and polishing applications produce a great deal of small dust and fibers that can potentially enter the motor and cause damage. The removable covers block dust and fibers from entering the motor housing and can also be removed and cleaned to maintain optimal airflow to the motor.
- **Lock on trigger** – trigger can be locked on to reduce hand fatigue in continuous applications as well as increasing control allowing the use to hold the tool in the most comfortable position for each application.
- **XPT** – Extreme Protection Technology protects the tool against dust & moisture even in the harshest jobsite conditions, increasing durability

Advantages

Convenience



Suitable for use in both Sanding & Polishing Applications

Speed



Optimised speed control for various operations

Ergonomics







Overall length of only 160mm for increased comfort and control

Durability



XPT – Extreme Protection Technology ensure high protection from dust and moisture

Our range

	DBO180 18V Orbital Sander	PV301D 12V Max Sander & Polisher	DPV300 18V Sander & Polisher	DPO600 18V Random Orbit Polisher
				
Pad size	125mm (5")	Twist on Style: 50mm Hook & Loop: 80mm	Twist on Style: 50mm Hook & Loop: 80mm	150mm (6")
Orbit Diameter	2.8mm	-	-	5.5mm
No load speed	7,000 / 9,500 / 11,000opm	For polishing: 0 - 2,800rpm For Sanding: 0 - 9,500rpm	For Polishing: 0-2,800rpm For Sanding: 0 - 9,500rpm	High: 0 - 6,800 min Low: 0 - 5,200 min
Noise	77dB(A)	73dB(A)	73dB(A)	83dB(A)
Vibration	2.5m/s ²	2.5m/s ²	2.5m/s ²	10m/s ²
Overall length	175mm	139mm	160mm	530mm
Skin weight	1.1kg	0.83kg	1.0kg	3.0kg
Weight (with battery)	1.7kg	1.2kg (BL1041B)	1.6kg (BL1860B)	3.6kg
Voltage	18V	12V Max	18V	18V

Accessories

Standard Accessories

	140X75-2*	Side Grip
	191N90-9	80mm Sponge Set Coarse – Yellow
	191N91-7	80mm Sponge Set Fine – White
	191N92-5	80mm Wool Pad Finishing
	743124-6	50mm Backing Pad
	743126-2	50mm Backing Pad Adaptor
	743125-4	75mm Backing Pad

*Not sold separately

Optional Accessories

	E-07462 E-07478 E-07484	<u>50mm Surface Conditioning Disc</u> Hard Type – for polishing and paint / rust removal Coarse – 25 pack Medium – 25 pack Fine – 25 pack
	E-07490 E-07509 E-07515	<u>50mm Surface Conditioning Disc</u> Soft Type – for polishing Medium – 25 pack Fine – 25 pack Very Fine – 25 pack
	E-07412 E-07428 E-07434	<u>50mm Sanding & Polishing Disc</u> Aluminium Oxide – for grinding, chamfering, deburring and polishing 60# Grit- 25 pack 60# Grit- 25 pack 60# Grit- 25 pack
	E-07440 E-07456	<u>50mm Sanding & Polishing Disc</u> Zirconia – for grinding, chamfering & deburring 60# Grit- 25 pack 80# Grit- 25 pack