



深圳沃新智创科技有限公司
产品规格书
PRODUCT SPECIFICATION

Product Name	Bike Air Inflator	
Model No.	BP188G	
File No.	V3	

1. Product Appearance (Size Diagram + Function Key Indication Diagram)



2. Product Overview

Usage scenario	Suitable for a wide range of applications, including almost all inflatable balls, as well as tires for bicycles, motorcycles, electric vehicles, wheelchairs, and self-balancing scooters; ideal for inflating or topping up car tires. It also features a manual deflation valve and a hose storage function.
Product appearance material	Main aluminum housing; injection-molded, curved, polished lens utilizing rear-projection technology to create a floating-text display effect.
Button Function	Five control buttons: [Power/Start] (for turning the unit on/starting); [+] and [-] (for adjusting air pressure); [U] (short press to switch units, long press to toggle the light); and [Mode] (short press to switch modes).

3. Product Description

The BP188 is a portable air pump featuring a built-in hose storage compartment and a deflation function. It boasts a rechargeable battery, a USB-C charging port, a compact and lightweight design, a modern appearance, and a large dual-display screen. Equipped with a high-precision pressure sensor, it offers five user-friendly pressure settings for safe operation: Ball, Bicycle, Motorcycle, Car, and Custom (0–150 PSI). Users simply select the appropriate mode to inflate the desired item; the pump automatically stops once the preset pressure is reached, ensuring safe and reliable operation—especially for users unfamiliar with specific pressure settings.

4. Specification

Spec	40*40*191mm	
Battery	Volumn	1200mAh 7.4V 8.88Wh
	Battery Overcharge/Overdischarge Protection Voltage	8.4V/6V
	Charging Time	2-3H
	Service Life	300Cycle ≥85%Original Volumn
Motor	Motor Overcurrent Protection	Yes
	Motor Type	Brushed motor (15,000 RPM)
	Service Life	200-400H
Screen display method	LED Screen	
Working power	35w	
Charging input power	10w	
Cylinder Spec	14	

Operating temperature	'-10~45	
Inflation pressure range	0-150PSI	
Inflation speed	15~18L/min	
Battery life	10-15min(A full charge allows for inflating 4–6 bicycle tires.)	
Operating noise	1m≤85dB	
Charging interface	TYPE-C Interface	
Charging parameters	5V/2A	
5. Accessories		
Manual	Instruction manual process	Black and white printing
	Instruction manual language	EN DE ES FR IT JP
	Instruction manual material	80g book paper, 70*100mm
Accessories	Accessory description	180mm American-style air hose ×1, ball needle ×1, swim ring nozzle ×1, Presta valve adapter ×1, Type-C charging cable ×1, waterproof cloth bag ×1
	Number of accessories	6
6. Packaging dimensions and weight		
Product packaging	Product packaging dimensions	213*70*48mm
	Product packaging material	paper Box
	Gross weight	504
	Net weight of a single product	403
Outer box packaging	Outer carton dimensions	375*230*265CM
	Quantity per carton	25
	Outer carton material	K=K
	Gross weight of the whole carton	13kg
7. Certification		
Related Certification	FCC CE ROSH PSE MSDS UN38.8	
8. Remark		
Prepared:	R&D Department (Electronic Parameters):	Purchase/PMC Confirmation (Accessories):
Engineering Department Confirmation (All):		

