



IFBOT X3:
The world's first portable and fully autonomous solar panel cleaning robot



Our award winning technology is here to solve unsolved solar panel cleaning problems for you!

Somos el distribuidor especializado más completo de Robots de O&M del país, lo que necesitas lo tenemos

www.sun-solutions.cl

Key product highlights



No assembling needed

IFBOT X3 is ready to use when you unbox it



One button operation

IFBOT X3 is fully autonomous and no human supervision required after you pressed the “start” button



Easy to carry

IFBOT X3 only weights 6.2 kilos, so you can easily carry it to even some of the most hard-to-access places



Highly adaptive

IFBOT can support high tilt angles up to 45° and has proven reliability in temperatures ranging from -20°C to 50°C , as well as during nighttime operations

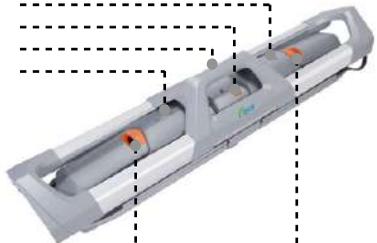


Product specifications



IFBOT X3

Power indicator1
Power button
Portable handle
Power indicator2



Dust box handle

Auxiliary suction cup 1
Main suction cup
Auxiliary suction cup 2



Nano roller brush 1
Battery socket
Nano roller brush 2



Basic parameters

Length	1020mm
Width	188mm
Height	180mm
Weight	6.2KG
Efficiency	30m ² /hour

Capabilities

Adaptation angle	15-45°
Dust collection	YES
Dust box capacity	270ml*2
Operate during night	YES
Waterproofness	IP44

Connection

Type	Bluetooth
Smartphone app	YES

Battery

Type	Lithium Ion 10.9V 76.3Wh/7000mAh
Duration	4h
Charger	40w (for 2 batteries)
Charging time	~4h
Replacement method	Plug and unplug



Sample use cases



Sun-tracking Panels

IFBOT X3 can adapt the movement of sun-tracking panels and it can support tilt angles up to 45° . Therefore, with IFBOT X3, you can clean those panels while it's working.



PV stations

Large ground-based PV stations are more likely to have multiple alternatives when it comes to solar panel cleaning. If you are exploring a cost-effective, scratch-free dry cleaning method that can support large tilt angles, IFBOT X3 is here for you.

Rooftops

Rooftops can sometimes be challenging to access and stand on, making them difficult to clean using traditional methods. However, with IFBOT X3, this task can be easily handled.



Cement factory

IFBOT X3 enables frequent dry cleaning with nearly no additional cost, making it ideal for environments such as cement factories where it's easy to accumulate dust and water-based cleaning methods are prohibited.



About us



IFBOT was founded in 2018 with an ambitious to liberate human from tedious and dangerous work.

Through years of development, we have established footprint across China. Meanwhile, Our team has just recently moved into new factory in Fujian and new office building in Suzhou. **With increased capacity and a team of strong engineers, we are now ready to expand beyond China and help you with your solar panel cleaning problems.**



Our factory in Fujian, China

Some of our patent certificates



Originality is in IFBOT's DNA. IFBOT X3 is fundamentally different from its competitors. This uniqueness comes from years of dedicated effort by a team that refuses to settle for existing solutions and understands the challenges unsolved. Innovation is tough, but we're proud of our perseverance and our ability to overcome a series of challenges. As a result, we're excited to present our work to you, confident it will make solar panel cleaning much easier!



IFBOT X3 ESPECIAL PARA USO COMERCIAL + 10 PANELES

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