



A smartphone screen showing a weather application. The top bar displays "London, ON" and "2024-02-27". Below this, there's a small purple icon with a checkmark. The main interface shows a weather forecast for London, Ontario, Canada, with a temperature of 8.4°C and a low of 0.2°C. The background of the phone screen is a blue gradient.

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A white rectangular device, likely a dehumidifier or air purifier, is mounted on a wall. It features a circular 'Dry' indicator light on its front panel. Behind the device, a strip of green LED lights is visible, creating a glowing effect. The device is secured to the wall with two white mounting brackets.



Company

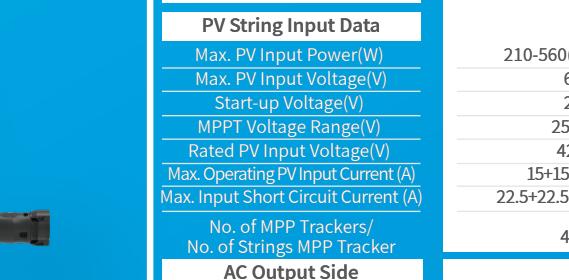
Ningbo Deye Inverter Technology Co., Ltd, founded in 2007 with registered capital 56 million USD, is one of the China's high-tech enterprises and a subsidiary of Deye Group. With a plant area over 600,000m² and complete production and testing equipment, Deye has become a major player in the global solar inverter market.

Ningbo Deye Inverter Technology Co., Ltd is dedicated to providing complete photovoltaic power system solutions, including residential and commercial power plants solutions. Also, Deye offers solar energy storage system solutions. Among them, PV grid-connected inverter power range from 1-136kW, Hybrid inverter 3kW-80kW, and microinverter 300W-2200W.

As a technology-oriented company, Deye has always been committing to research and develop new cutting-edge technologies to provide efficiency and reliable products. For example, Deye adopts T-type three-level topology and enhanced SVPWM algorithm to further improve the conversion efficiency by 0.7% compared with common SPWM. With frequency droop control technology, Deye string inverter is able to work with diesel generator, which greatly expands the scope of the product application.



SUN-M160



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|---|------------------------------|------------------------------|
| Rated Output Voltage/Range (V) | 220/230 0.85Un-1.1Un | 220/230 0.85Un-1.1Un |
| Grid Connection Form | L/N/PE | L/N/PE |
| Rated Output Grid Frequency /Range(Hz) | 50/45-55, 60/55-65 | 50/45-55, 60/55-65 |
| Max. Unit per Branch | 4 | 4 |
| Power Factor Adjustment Range | 0.9 leading-0.9 lagging | 0.9 leading-0.9 lagging |
| General Data | | |
| Operating Temperature Range(°C) | -40 to +65°C, >45°C Derating | -40 to +65°C, >45°C Derating |
| Ingress Protection(IP) Rating | IP 67 | IP 67 |
| Over Voltage Category | OVC II(DC), OVC III(AC) | OVC II(DC), OVC III(AC) |
| Communication | Wi-Fi | Wi-Fi |
| Weight(kg) | 5.1 | 5.1 |
| Warranty | 10 Years | 10 Years |

hology Co., Ltd.

qi, Beilun, NingBo, Zhejiang, China.



*Specifications are subject to change without notice or obligation.

Sustainable Energy Solution

| Hybrid Inverter | MicroInverter

