

# Technical Specification



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## Aerys X

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### Construction

Dimensions: W: 50 cm ; D: 22 cm ; H: 64 cm.

Weight: 10 kg

Materials: fiberglass, ABS, hot-dip zinc coated steel (EN10346), galvanized low carbon steel (ISO 2081)



### Li-ion battery pack

Low-temperature resistance

Advanced BMS



### Sensors

PHT sensor – pressure, temperature, humidity

Energy sensors



### Real-time GPS location

Online alarm if Aerys location changes

Location visible over Solos Smart City platform



### Internal server communication system

Included 5-year connectivity with Solos Smart City platform

Online product maintenance and updates



### Particulate matter sensor

Monitoring PM1, PM2.5 and PM10

Laser-scattering technology

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Gas sensors

Monitoring NO, NO2 and O3 gases  
Reliable electrochemical sensors

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Wind sensor

Monitoring wind speed and direction

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## Additional options



Metal pole

Metal pole for standalone installation of the  
Aerys station  
Height: 3 m (ships in two 1.5 m pieces)

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Wall mount

Wall mount for installing Aerys station on the  
concrete wall or existing metal pole (e.g.  
streetlight pole)

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QR code and NFC tag

By scanning the code or tapping the phone to  
NFC tag, citizens can read real-time data from  
Aerys station

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PV module

20W power output  
Designed for off-grid power system

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Grid power module

Using grid power or streetlight power to  
recharge the built-in li-ion battery pack

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Noise sensor

Sensor range from 25 dB to 130 dB