

Technical Specification



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Aerys P



Construction

Dimensions: W: 22 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

Additional options



Metal pole

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



Wall mount

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



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



PV module

20W power output
Designed for off-grid power system



Grid power module

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



Noise sensor

Sensor range from 25 dB to 130 dB